

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017812.D
 Acq On : 02 Apr 2024 08:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 03 02:00:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	238398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	306386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	139214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108283	52.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.722	113	116338	55.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.185	98	426778	54.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.489	95	128292	53.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69383	43.519	ug/l	100
3) Chloromethane	2.119	50	141671	45.528	ug/l	97
4) Vinyl Chloride	2.253	62	191827	47.171	ug/l	100
5) Bromomethane	2.656	94	145175	44.152	ug/l	100
6) Chloroethane	2.802	64	127664	48.116	ug/l	100
7) Trichlorofluoromethane	3.131	101	185766	46.842	ug/l	94
8) Diethyl Ether	3.534	74	56443	48.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	115103	48.397	ug/l	97
10) Methyl Iodide	4.101	142	136872	52.921	ug/l	100
11) Tert butyl alcohol	4.960	59	35033	230.001	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	107993	48.525	ug/l	95
13) Acrolein	3.735	56	35580	246.177	ug/l	100
14) Allyl chloride	4.485	41	134304	49.190	ug/l	99
15) Acrylonitrile	5.167	53	116560	237.039	ug/l	98
16) Acetone	3.948	43	115397	270.614	ug/l	88
17) Carbon Disulfide	4.204	76	305505	48.507	ug/l	99
18) Methyl Acetate	4.485	43	44571	47.189	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	245433	48.165	ug/l	100
20) Methylene Chloride	4.722	84	117794	44.802	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	115699	48.582	ug/l	99
22) Diisopropyl ether	6.125	45	312141	49.462	ug/l	97
23) Vinyl Acetate	6.064	43	950237	246.622	ug/l	98
24) 1,1-Dichloroethane	6.021	63	207078	49.439	ug/l	98
25) 2-Butanone	6.990	43	153870	253.294	ug/l	95
26) 2,2-Dichloropropane	6.984	77	176977	48.920	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	137919	49.002	ug/l	96
28) Bromochloromethane	7.338	49	86442	50.749	ug/l	95
29) Tetrahydrofuran	7.350	42	87697	240.593	ug/l	96
30) Chloroform	7.508	83	213851	49.208	ug/l	98
31) Cyclohexane	7.789	56	171949	47.314	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	180954	48.922	ug/l	96
36) 1,1-Dichloropropene	7.923	75	155736	50.479	ug/l	97
37) Ethyl Acetate	7.076	43	65630	49.294	ug/l	99
38) Carbon Tetrachloride	7.905	117	162647	50.783	ug/l	97
39) Methylcyclohexane	9.191	83	194353	50.433	ug/l	97
40) Benzene	8.167	78	477488	50.220	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	37638m	49.533	ug/l	
42) 1,2-Dichloroethane	8.240	62	116338	49.713	ug/l	99
43) Isopropyl Acetate	8.277	43	118476	49.034	ug/l	97
44) Trichloroethene	8.947	130	121279	49.028	ug/l	96
45) 1,2-Dichloropropane	9.222	63	112391	50.871	ug/l	100
46) Dibromomethane	9.313	93	61653	49.118	ug/l	98
47) Bromodichloromethane	9.502	83	159805	50.386	ug/l	98
48) Methyl methacrylate	9.301	41	53308	51.712	ug/l	97
49) 1,4-Dioxane	9.301	88	14280	1013.414	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	319968	264.971	ug/l	99
52) Toluene	10.252	92	289365	50.175	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	138062	49.026	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	167903	48.852	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	79843	47.738	ug/l	96
56) Ethyl methacrylate	10.520	69	106170	51.482	ug/l	97
57) 1,3-Dichloropropane	10.801	76	137805	48.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	286635	271.698	ug/l	98
59) 2-Hexanone	10.837	43	232666	269.731	ug/l	98
60) Dibromochloromethane	10.990	129	100301	47.548	ug/l	99
61) 1,2-Dibromoethane	11.093	107	72873	47.783	ug/l	98
64) Tetrachloroethene	10.727	164	127440	47.689	ug/l	96
65) Chlorobenzene	11.526	112	310932	49.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	104885	49.148	ug/l	100
67) Ethyl Benzene	11.599	91	550161	50.920	ug/l	98
68) m/p-Xylenes	11.709	106	415230	101.338	ug/l	97
69) o-Xylene	12.038	106	193112	55.763	ug/l	100
70) Styrene	12.050	104	328619	55.173	ug/l	100
71) Bromoform	12.215	173	58178	49.182	ug/l #	98
73) Isopropylbenzene	12.337	105	503133	51.571	ug/l	99
74) N-amyl acetate	12.154	43	99737	53.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	84689	50.182	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	56789m	44.765	ug/l	
77) Bromobenzene	12.617	156	117052	50.376	ug/l	99
78) n-propylbenzene	12.678	91	622846	52.321	ug/l	100
79) 2-Chlorotoluene	12.764	91	337969	51.830	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	395244	51.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	28904	52.654	ug/l	96
82) 4-Chlorotoluene	12.861	91	344844	51.073	ug/l	100
83) tert-Butylbenzene	13.081	119	358683	51.816	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	389992	51.429	ug/l	100
85) sec-Butylbenzene	13.264	105	539559	51.932	ug/l	99
86) p-Isopropyltoluene	13.379	119	450061	51.824	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	227062	49.248	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	217136	49.203	ug/l	100
89) n-Butylbenzene	13.703	91	423147	52.959	ug/l	98
90) Hexachloroethane	13.971	117	87122	50.450	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	189438	49.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10647	46.686	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	101536	48.505	ug/l	99
94) Hexachlorobutadiene	15.123	225	62650	49.371	ug/l	98
95) Naphthalene	15.245	128	167088	49.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	85921	48.592	ug/l	99

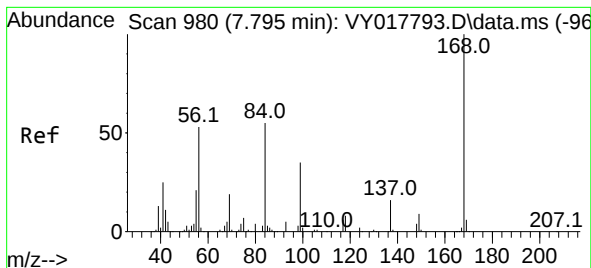
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

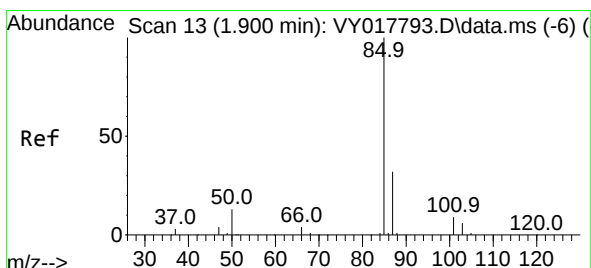
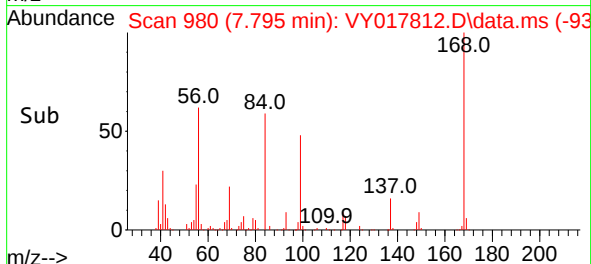
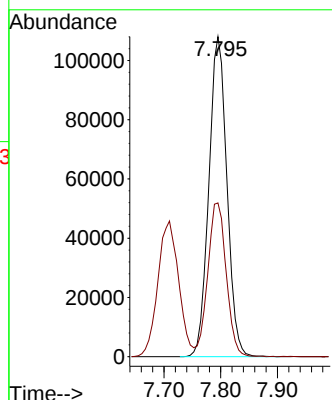
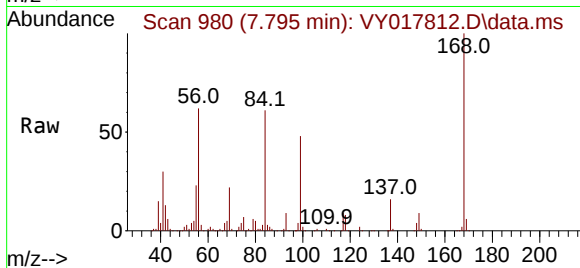
VSTDCCC050

Tgt Ion:168 Resp: 238398

Ion Ratio Lower Upper

168 100

99 48.0 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 43.519 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY017812.D

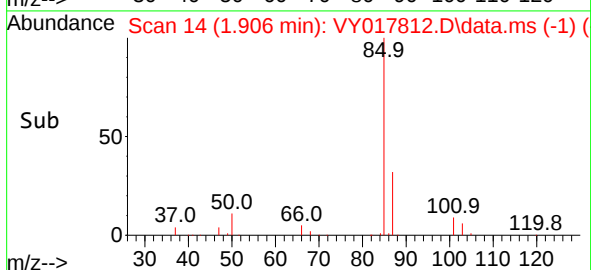
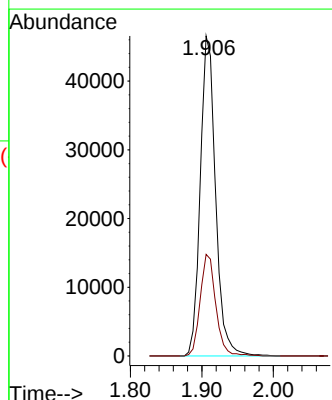
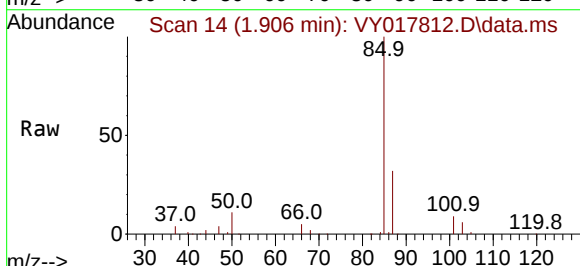
Acq: 02 Apr 2024 08:55

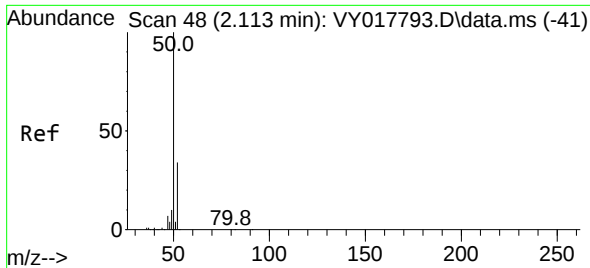
Tgt Ion: 85 Resp: 69383

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0

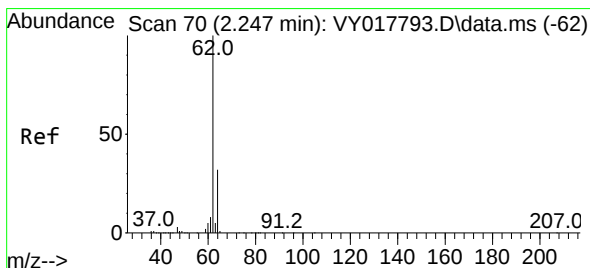
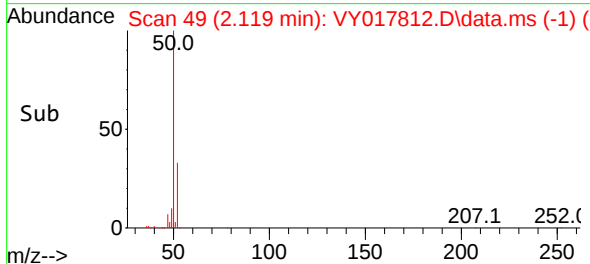
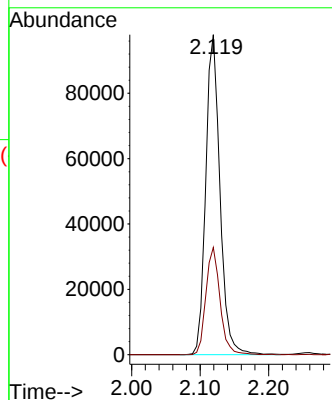
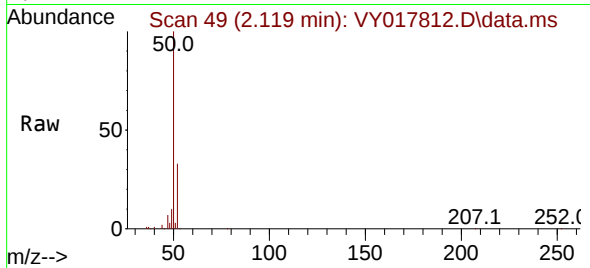




#3
Chloromethane
Concen: 45.528 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

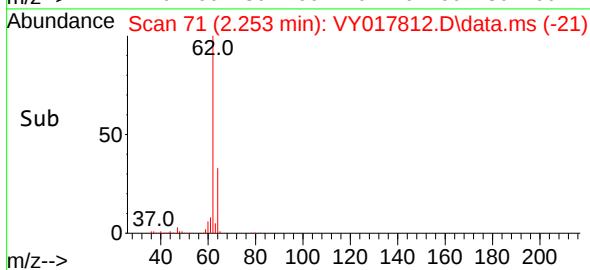
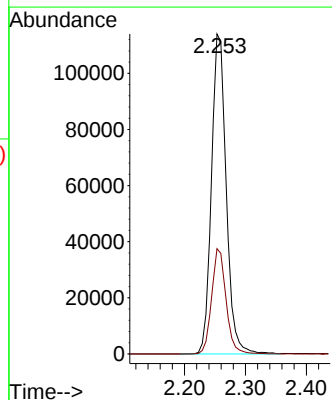
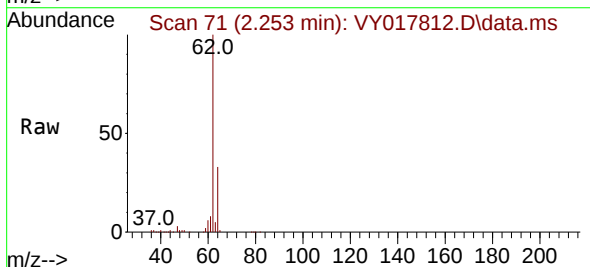
Instrument :
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ClientSampleId :
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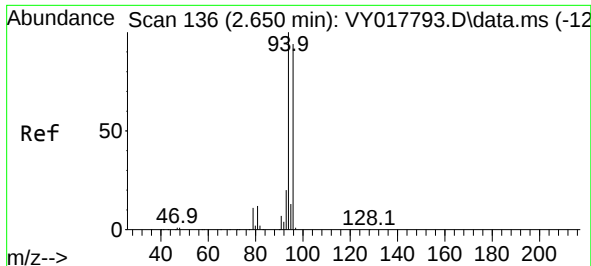
Tgt Ion: 50 Resp: 141671
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4



#4
Vinyl Chloride
Concen: 47.171 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 62 Resp: 191827
Ion Ratio Lower Upper
62 100
64 32.9 26.1 39.1

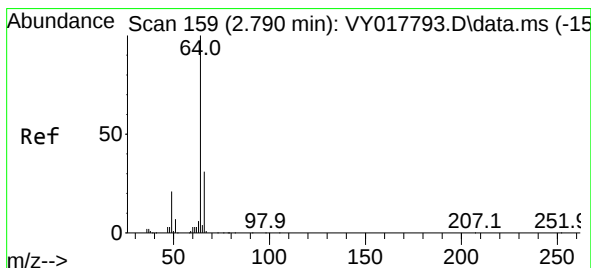
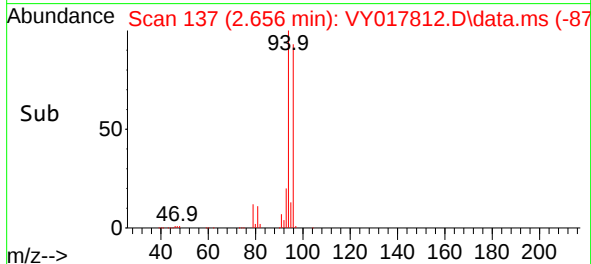
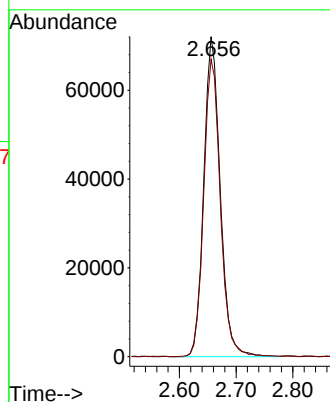
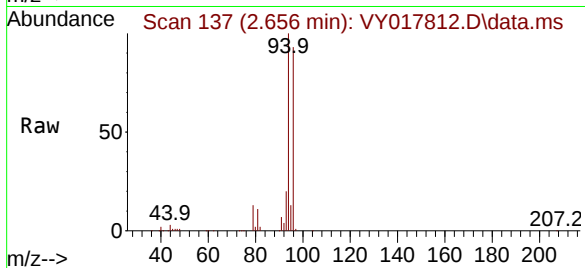




#5
Bromomethane
Concen: 44.152 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

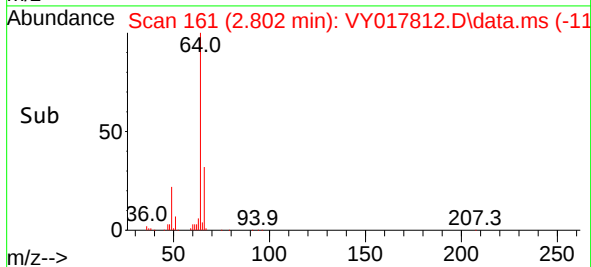
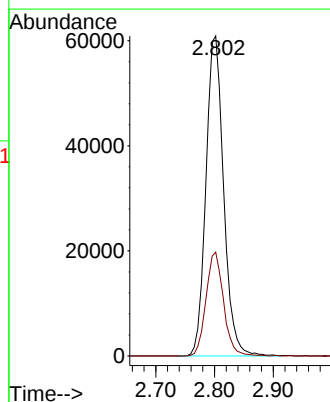
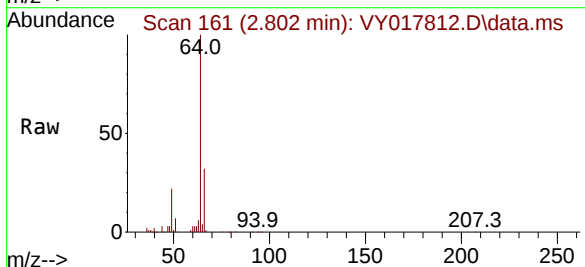
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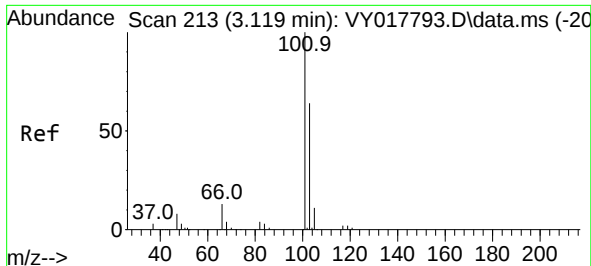
Tgt Ion: 94 Resp: 145175
Ion Ratio Lower Upper
94 100
96 92.9 74.1 111.1



#6
Chloroethane
Concen: 48.116 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 64 Resp: 127664
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

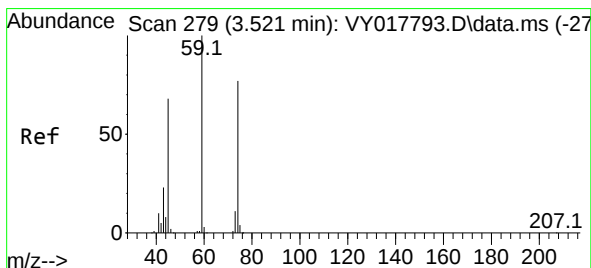
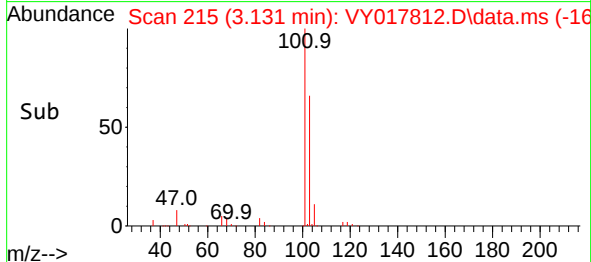
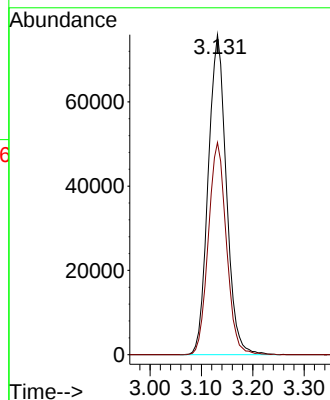
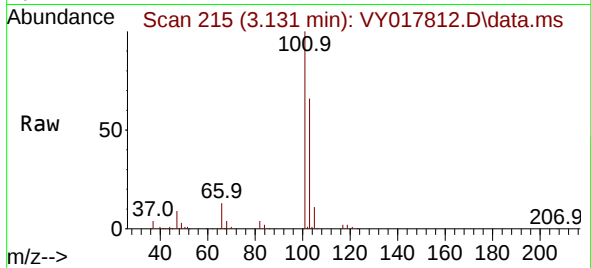




#7
 Trichlorofluoromethane
 Concen: 46.842 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

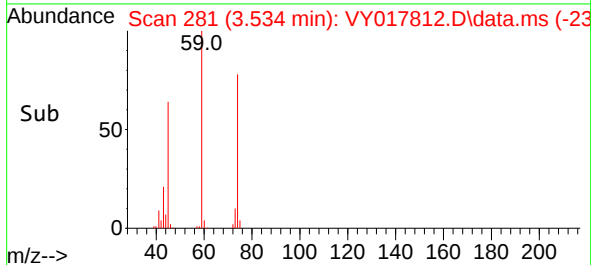
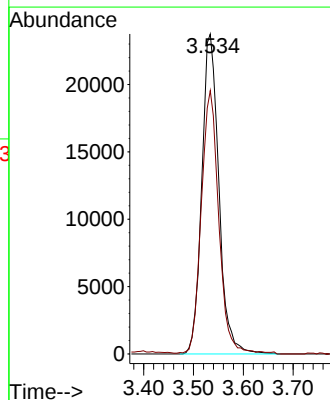
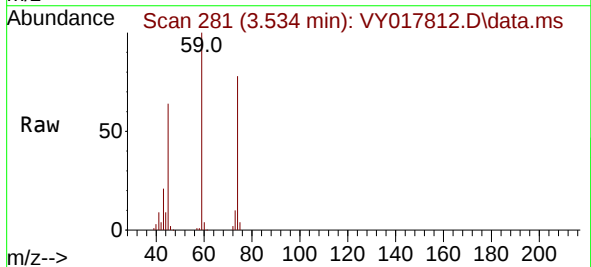
Instrument :
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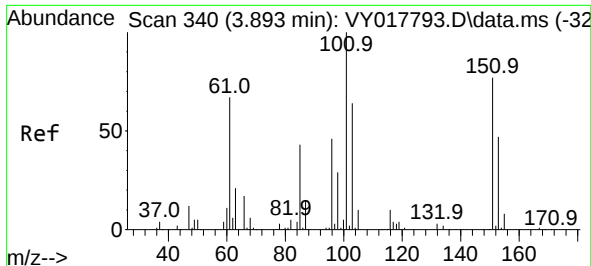
Tgt Ion:101 Resp: 185766
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.452 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

Tgt Ion: 74 Resp: 56443
 Ion Ratio Lower Upper
 74 100
 45 83.1 41.3 124.1

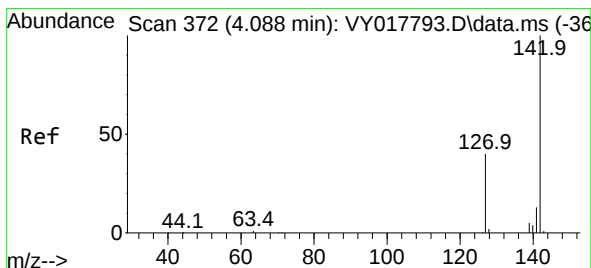
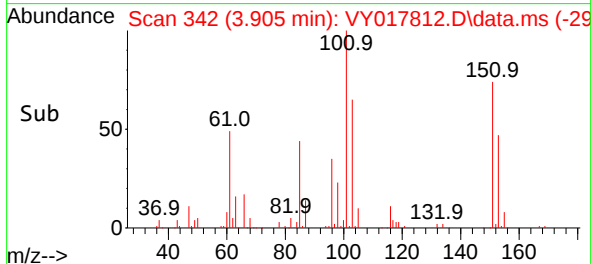
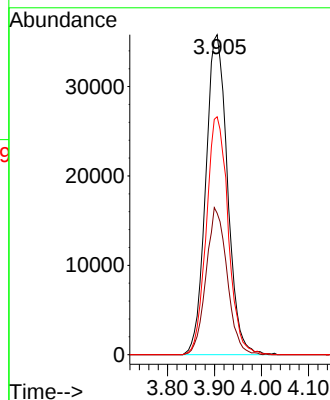
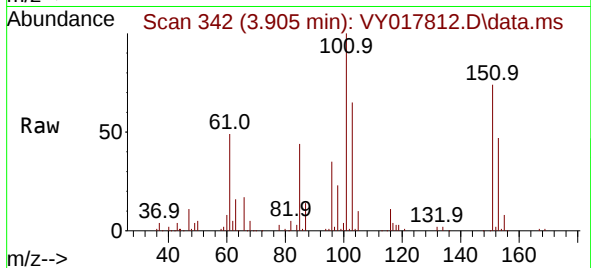




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.397 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

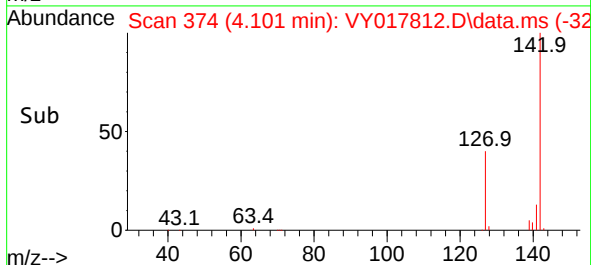
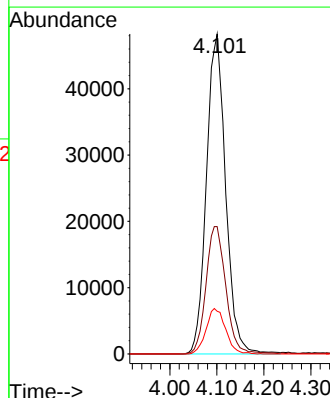
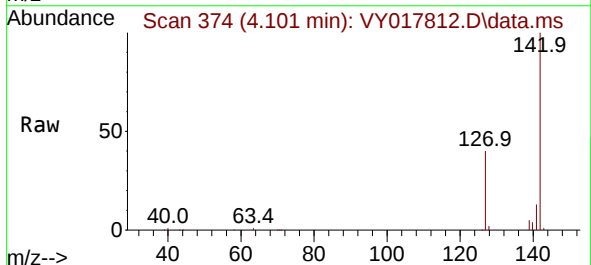
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

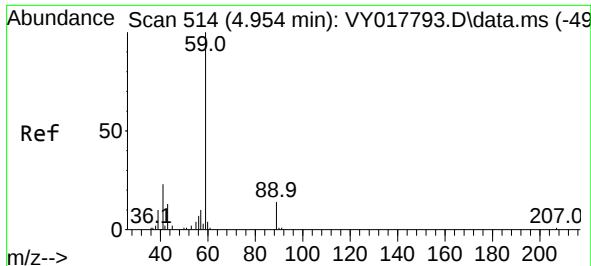
Tgt Ion:101 Resp: 115103
Ion Ratio Lower Upper
101 100
85 44.5 34.5 51.7
151 74.8 61.7 92.5



#10
Methyl Iodide
Concen: 52.921 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion:142 Resp: 136872
Ion Ratio Lower Upper
142 100
127 41.1 32.8 49.2
141 14.4 11.4 17.2

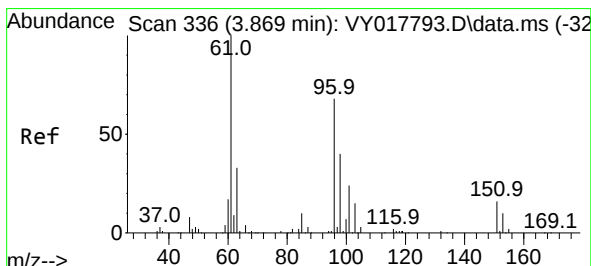
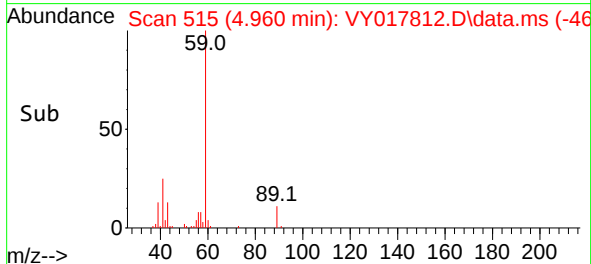
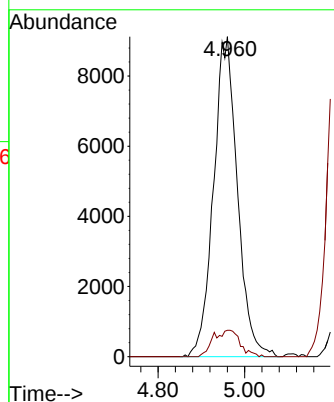
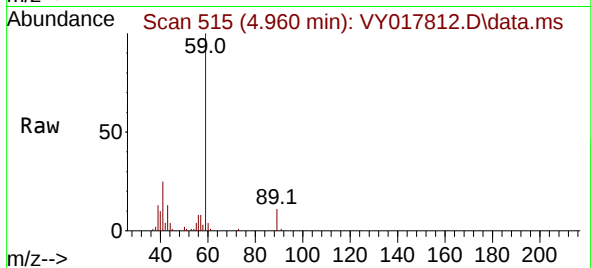




#11
Tert butyl alcohol
Concen: 230.001 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

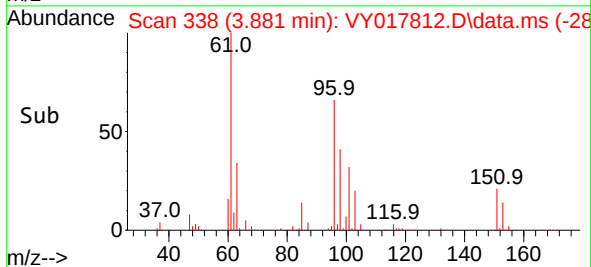
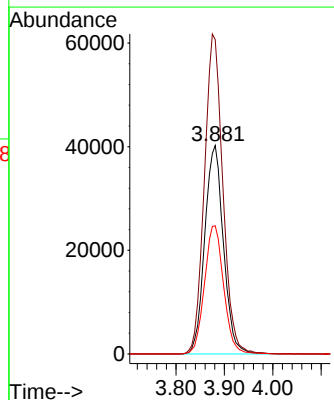
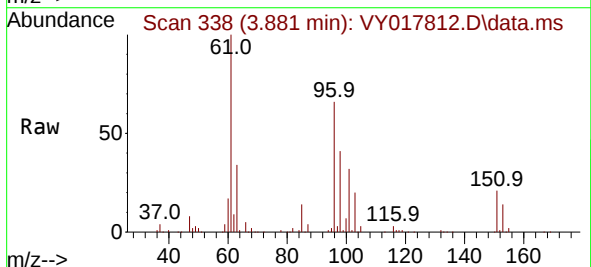
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

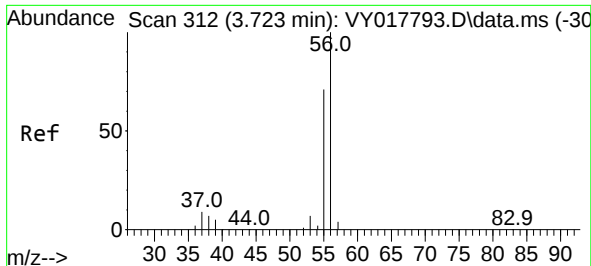
Tgt Ion: 59 Resp: 35033
Ion Ratio Lower Upper
59 100
57 5.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 48.525 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 96 Resp: 107993
Ion Ratio Lower Upper
96 100
61 150.8 114.6 171.8
98 61.5 50.8 76.2





#13

Acrolein

Concen: 246.177 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

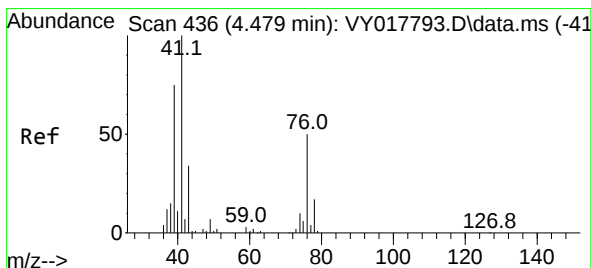
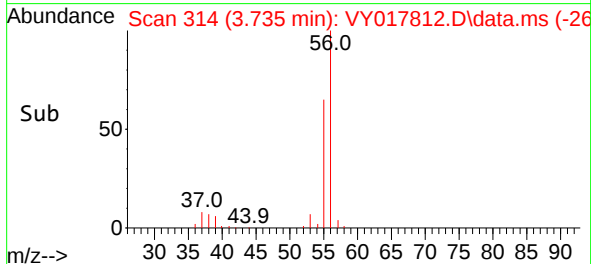
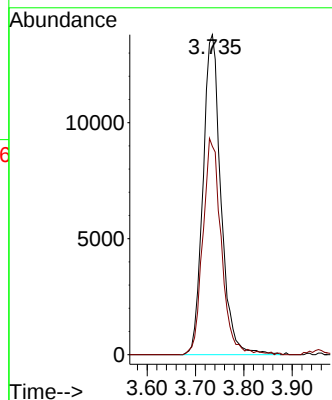
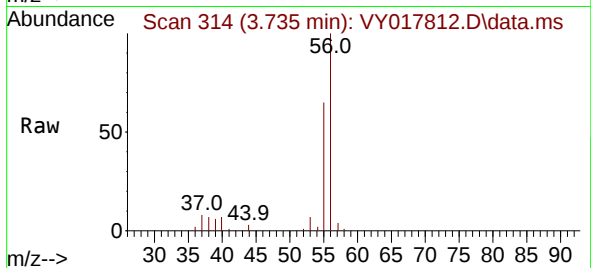
VSTDCCC050

Tgt Ion: 56 Resp: 35580

Ion Ratio Lower Upper

56 100

55 69.4 55.7 83.5



#14

Allyl chloride

Concen: 49.190 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

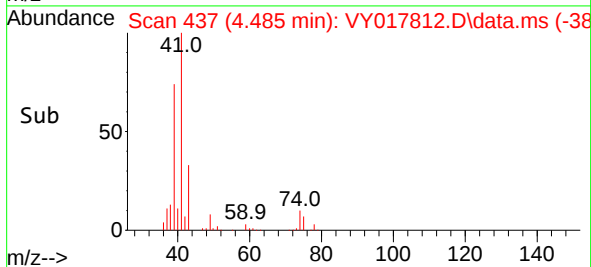
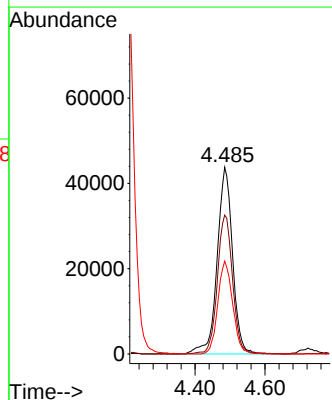
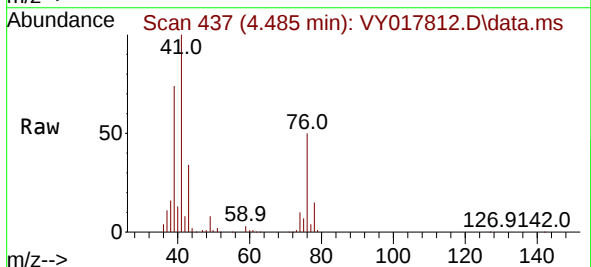
Tgt Ion: 41 Resp: 134304

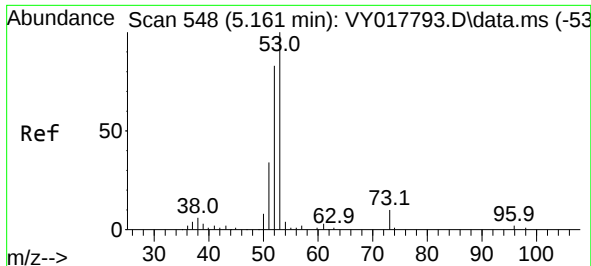
Ion Ratio Lower Upper

41 100

39 73.6 58.3 87.5

76 47.6 39.0 58.6

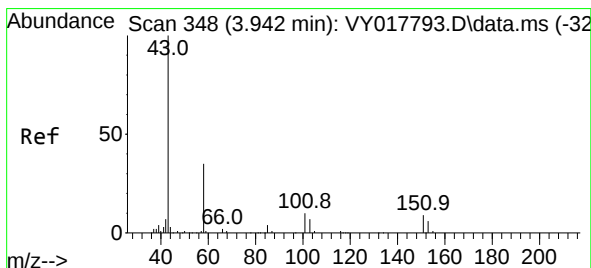
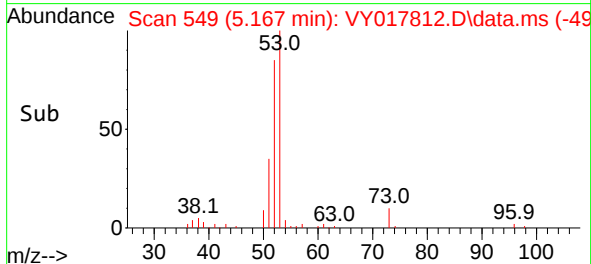
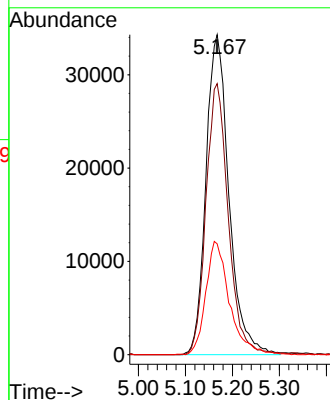
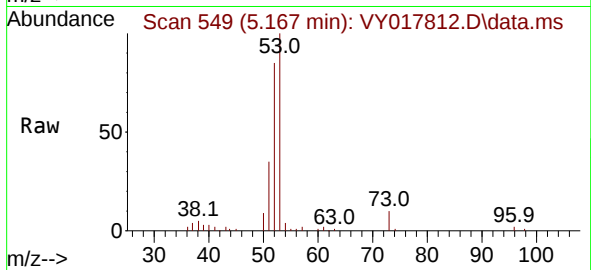




#15
Acrylonitrile
Concen: 237.039 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

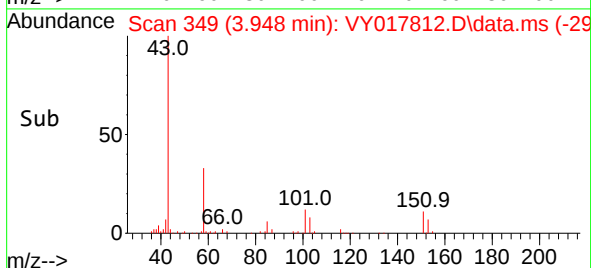
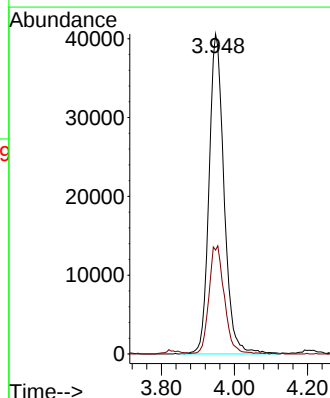
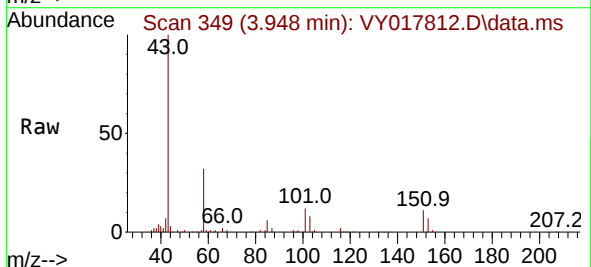
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

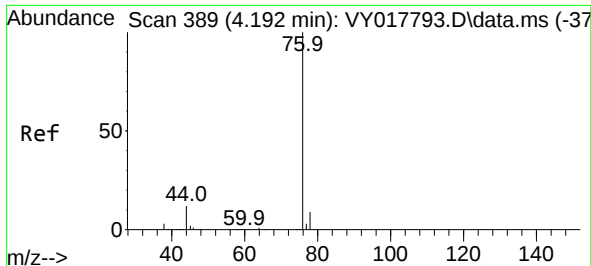
Tgt Ion: 53 Resp: 116560
Ion Ratio Lower Upper
53 100
52 82.2 64.7 97.1
51 36.5 28.4 42.6



#16
Acetone
Concen: 270.614 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 43 Resp: 115397
Ion Ratio Lower Upper
43 100
58 32.5 31.7 47.5

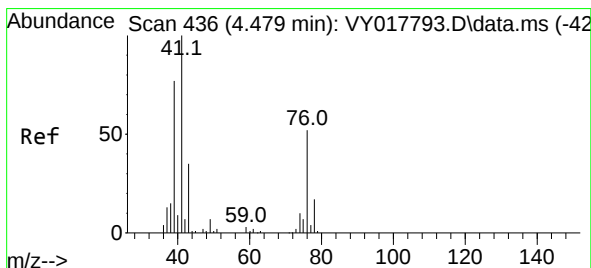
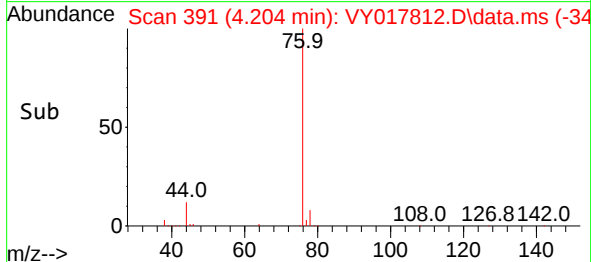
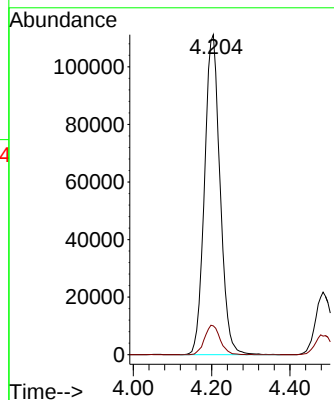
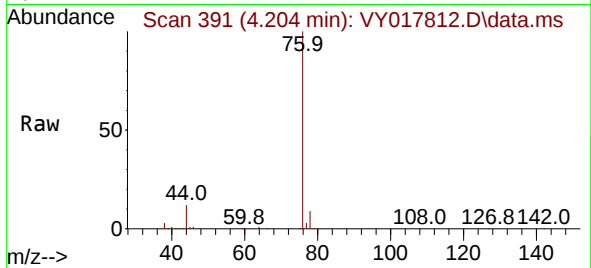




#17
Carbon Disulfide
Concen: 48.507 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

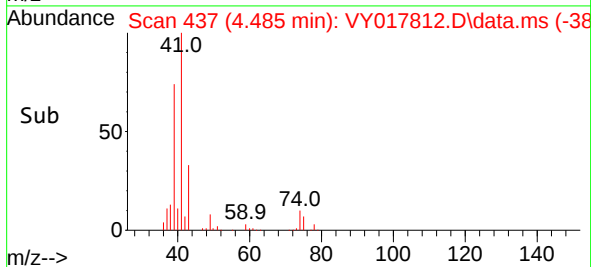
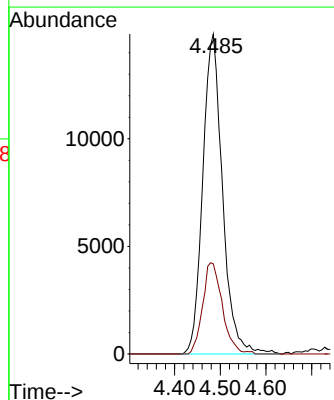
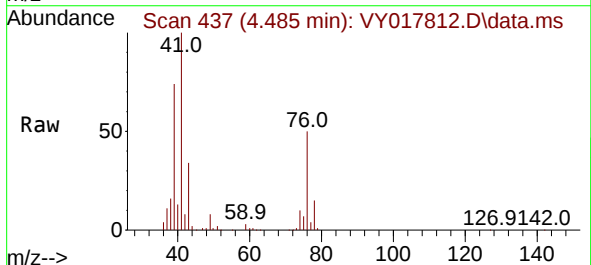
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

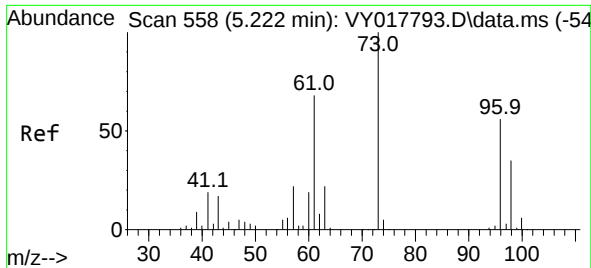
Tgt Ion: 76 Resp: 305505
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 47.189 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 43 Resp: 44571
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9

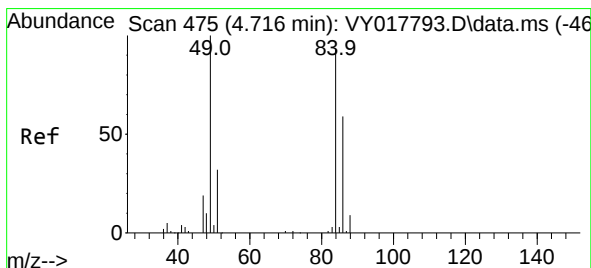
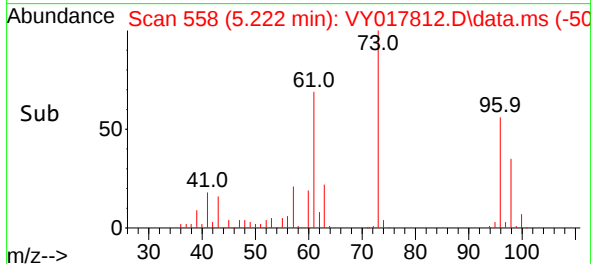
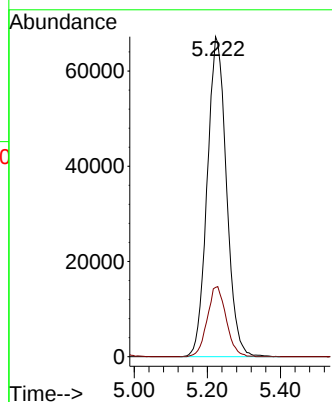
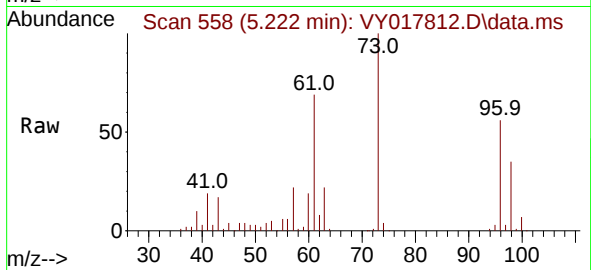




#19
Methyl tert-butyl Ether
Concen: 48.165 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

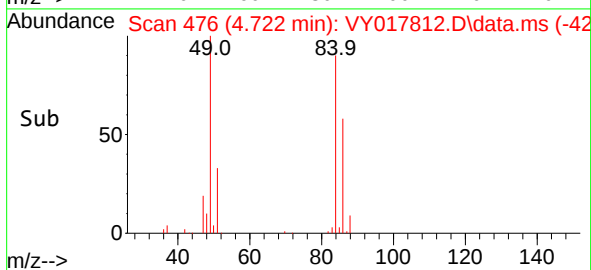
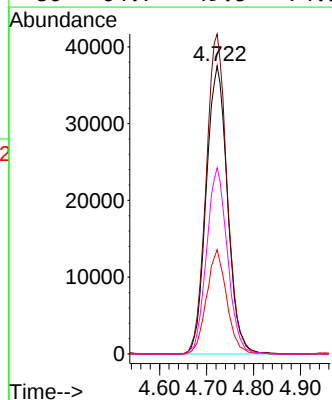
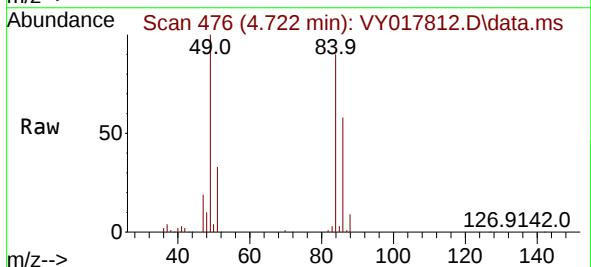
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

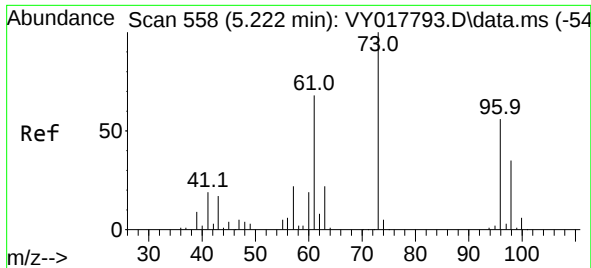
Tgt Ion: 73 Resp: 245433
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 44.802 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 84 Resp: 117794
Ion Ratio Lower Upper
84 100
49 111.1 84.4 126.6
51 36.2 26.0 39.0
86 64.7 49.5 74.3

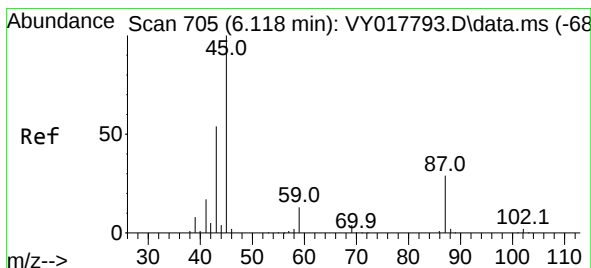
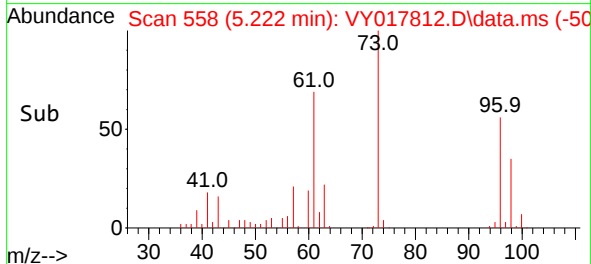
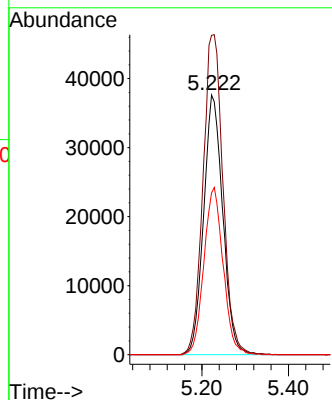
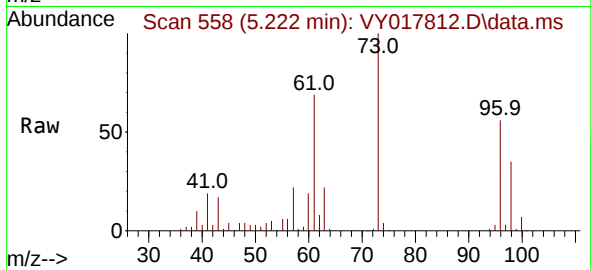




#21
trans-1,2-Dichloroethene
Concen: 48.582 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

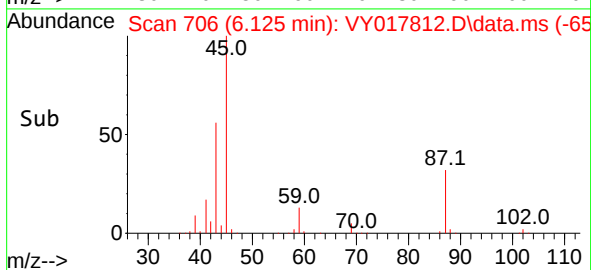
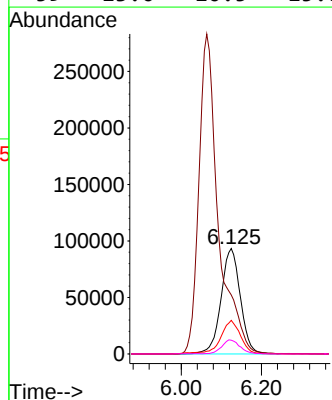
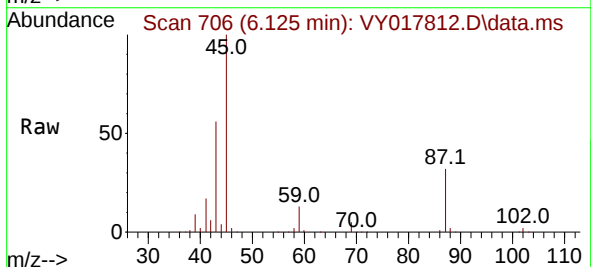
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

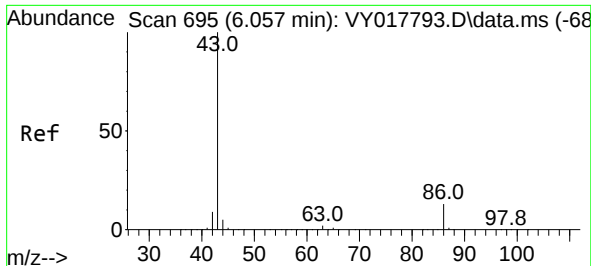
Tgt Ion: 96 Resp: 115699
Ion Ratio Lower Upper
96 100
61 123.0 97.5 146.3
98 62.3 50.5 75.7



#22
Diisopropyl ether
Concen: 49.462 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 45 Resp: 312141
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 31.8 25.0 37.6
59 13.0 10.5 15.7

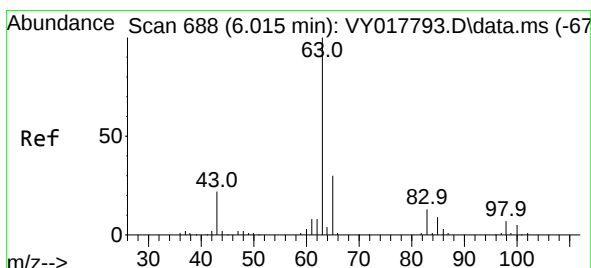
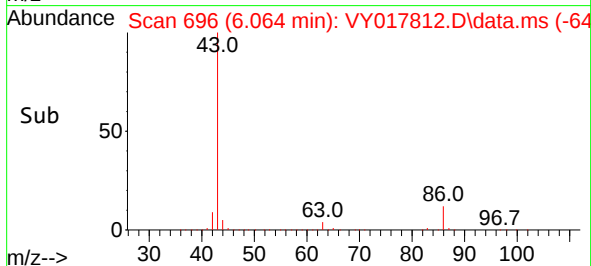
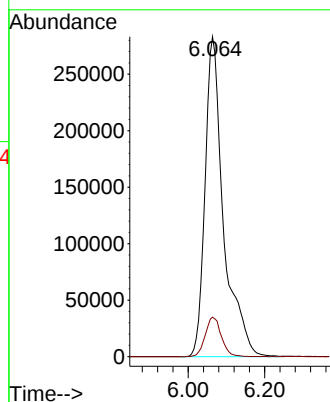
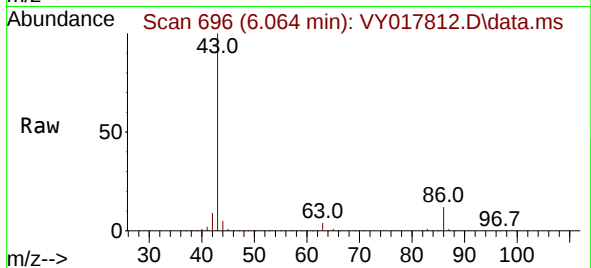




#23
 Vinyl Acetate
 Concen: 246.622 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

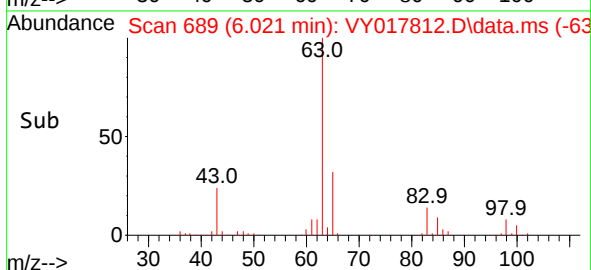
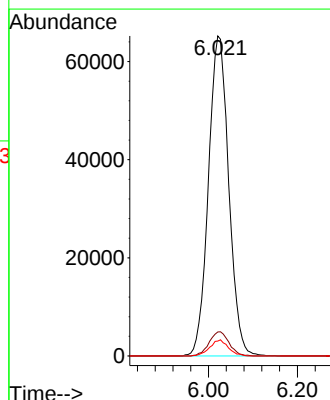
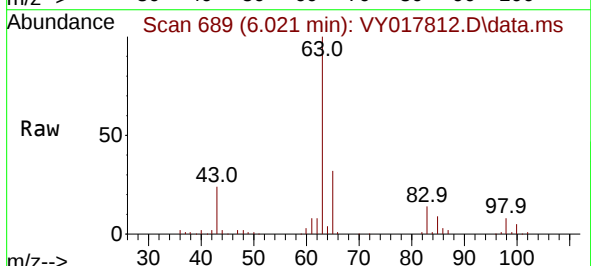
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

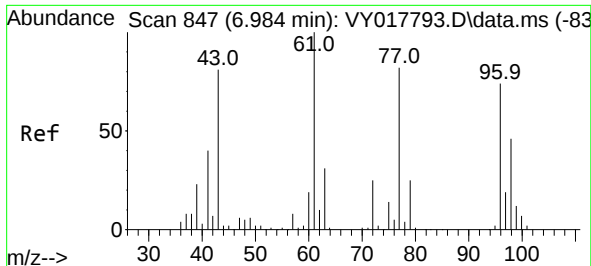
Tgt Ion: 43 Resp: 950237
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.439 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

Tgt Ion: 63 Resp: 207078
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 253.294 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

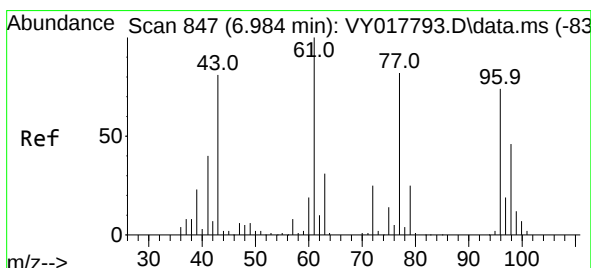
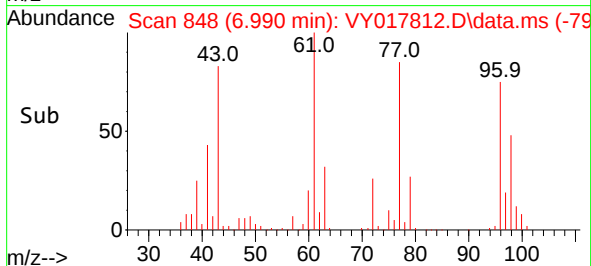
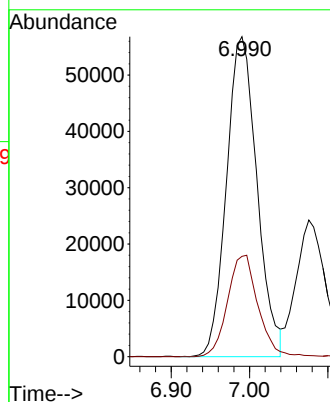
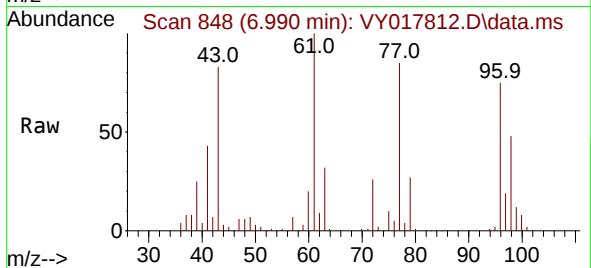
VSTDCCC050

Tgt Ion: 43 Resp: 153870

Ion Ratio Lower Upper

43 100

72 31.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.920 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017812.D

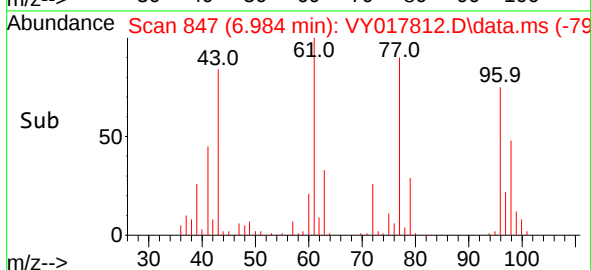
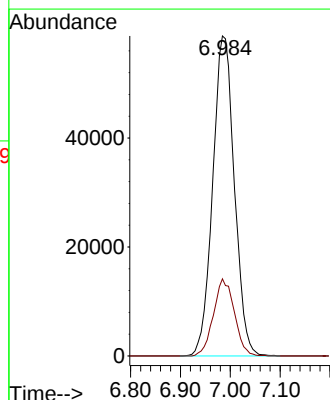
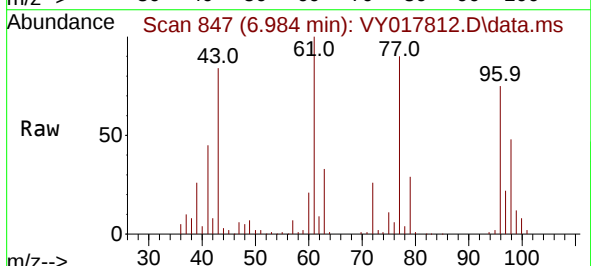
Acq: 02 Apr 2024 08:55

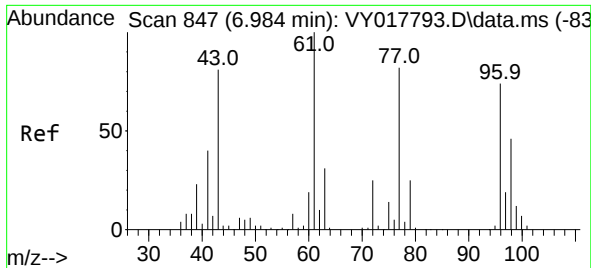
Tgt Ion: 77 Resp: 176977

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1

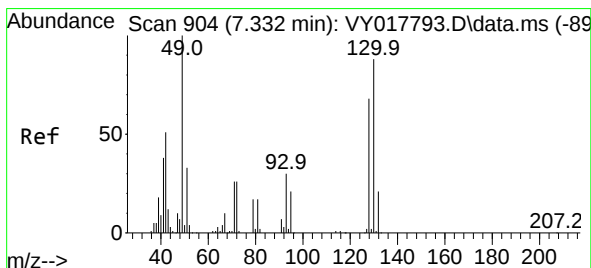
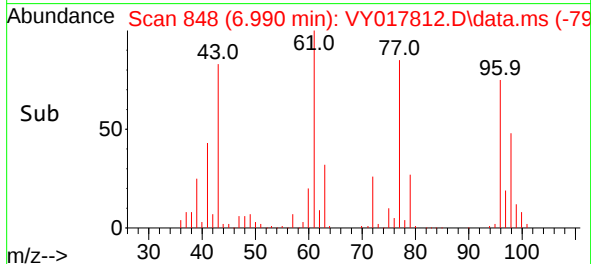
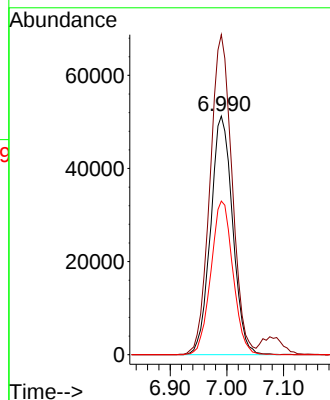
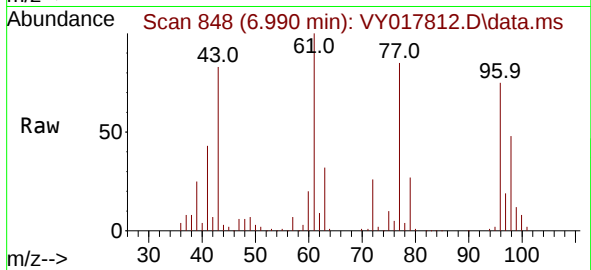




#27
cis-1,2-Dichloroethene
Concen: 49.002 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

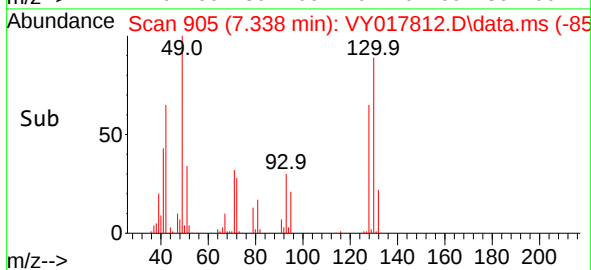
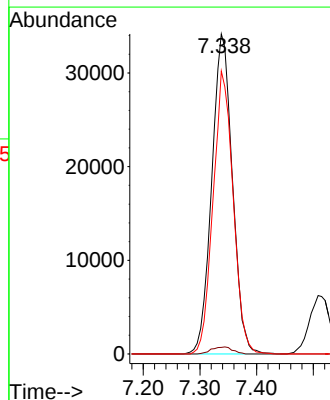
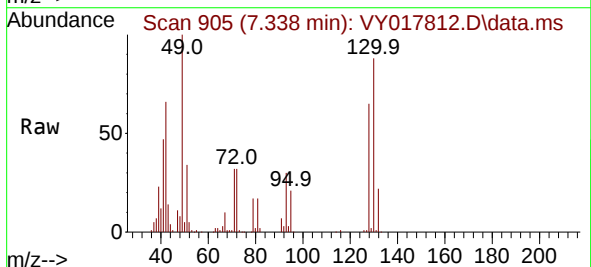
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

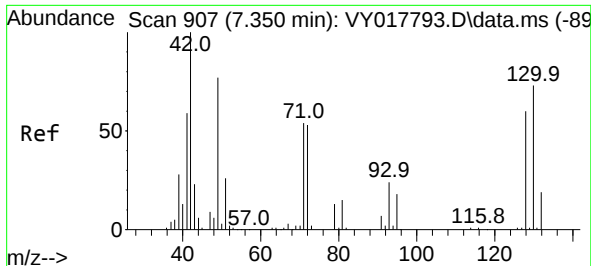
Tgt Ion: 96 Resp: 137919
Ion Ratio Lower Upper
96 100
61 134.5 0.0 256.2
98 64.6 0.0 130.0



#28
Bromochloromethane
Concen: 50.749 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 49 Resp: 86442
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 85.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 240.593 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

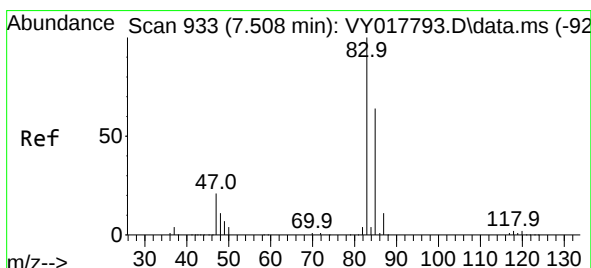
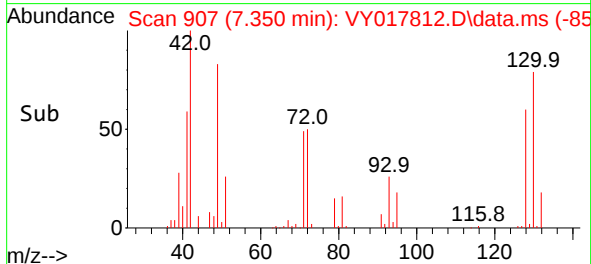
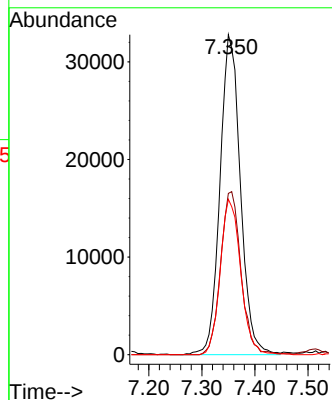
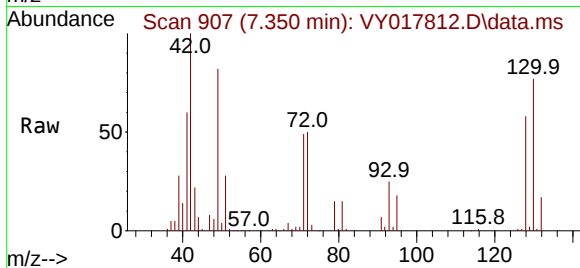
Tgt Ion: 42 Resp: 87697

Ion Ratio Lower Upper

42 100

72 50.9 43.0 64.4

71 48.6 40.8 61.2



#30

Chloroform

Concen: 49.208 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017812.D

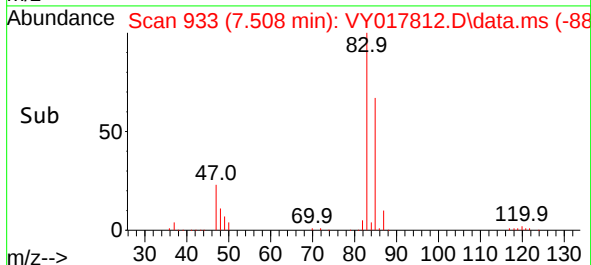
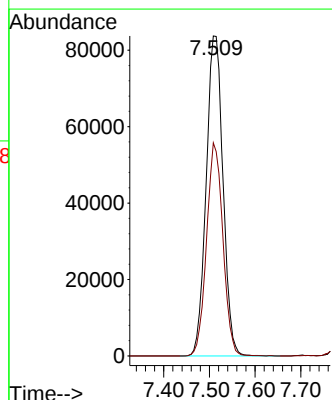
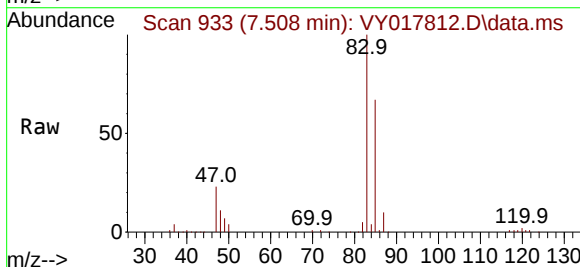
Acq: 02 Apr 2024 08:55

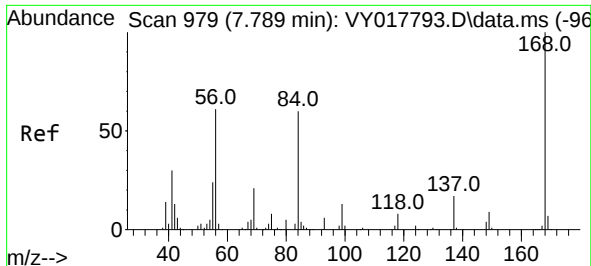
Tgt Ion: 83 Resp: 213851

Ion Ratio Lower Upper

83 100

85 66.6 52.2 78.4

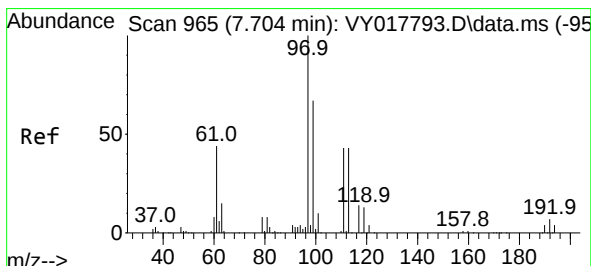
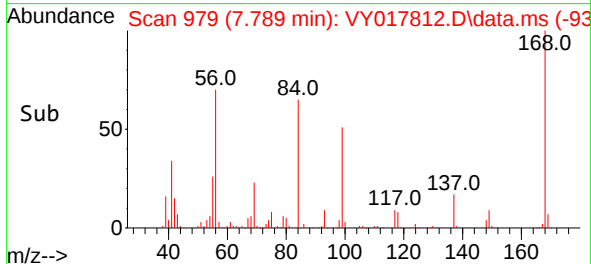
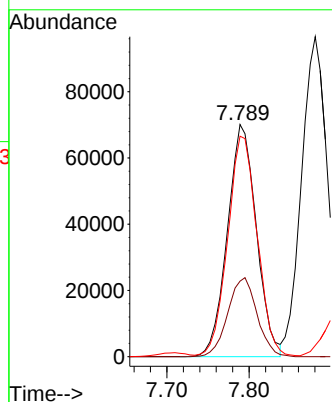
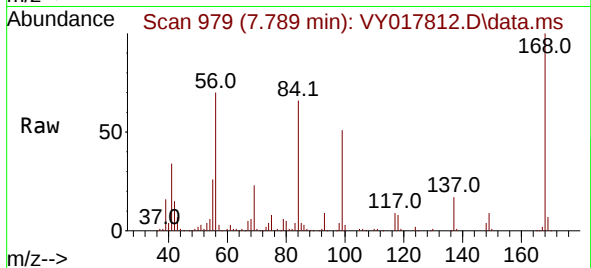




#31
Cyclohexane
Concen: 47.314 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

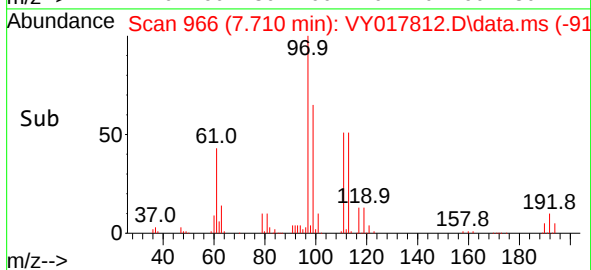
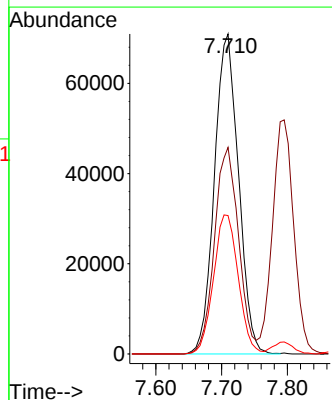
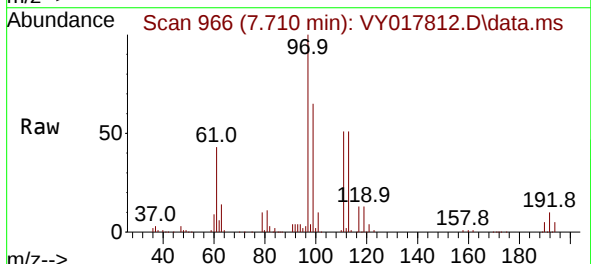
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

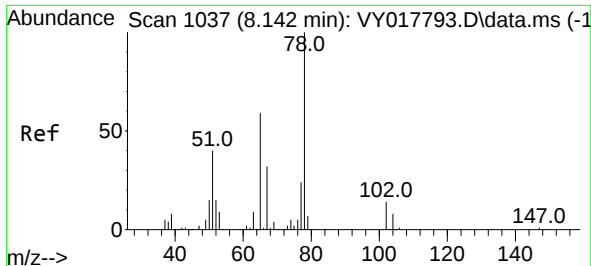
Tgt Ion: 56 Resp: 171949
Ion Ratio Lower Upper
56 100
69 32.6 28.7 43.1
84 93.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 48.922 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 97 Resp: 180954
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.490 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

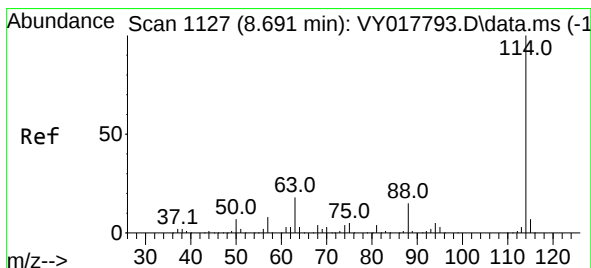
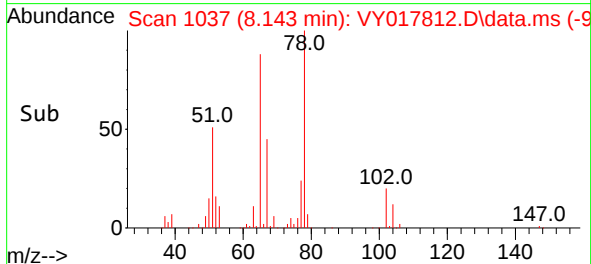
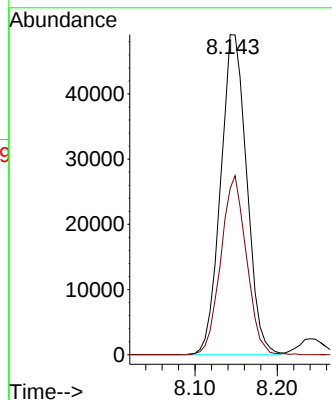
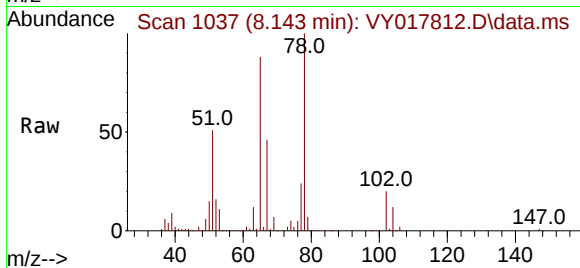
VSTDCCC050

Tgt Ion: 65 Resp: 108283

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

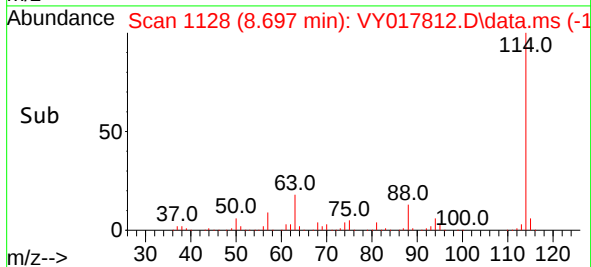
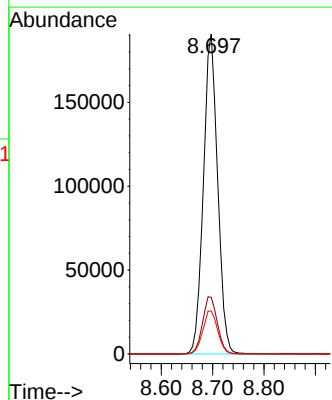
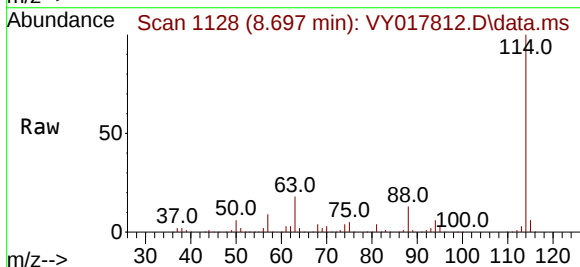
Tgt Ion: 114 Resp: 365924

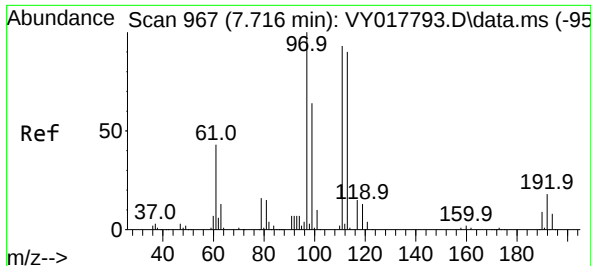
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.4 0.0 27.2

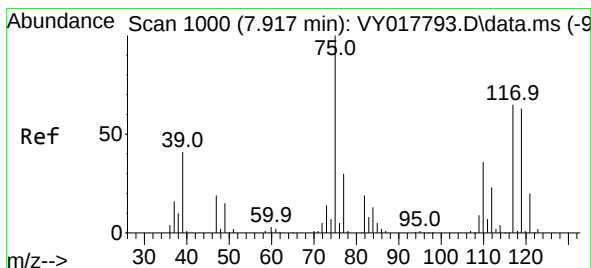
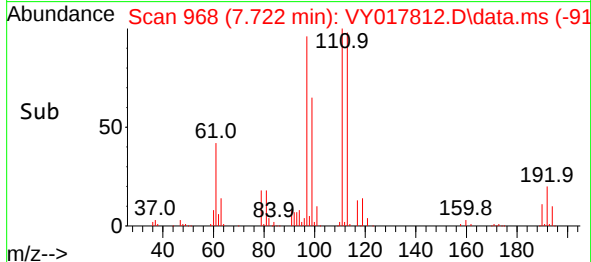
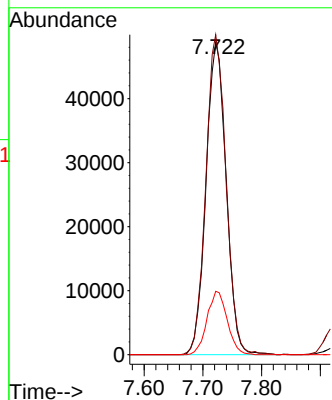
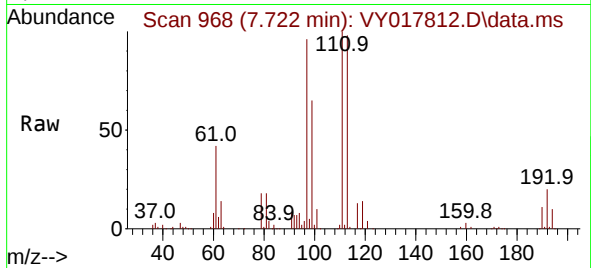




#35
Dibromofluoromethane
Concen: 55.020 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

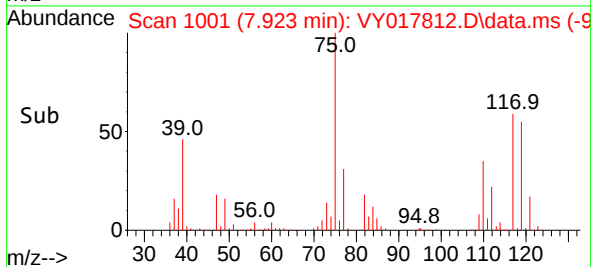
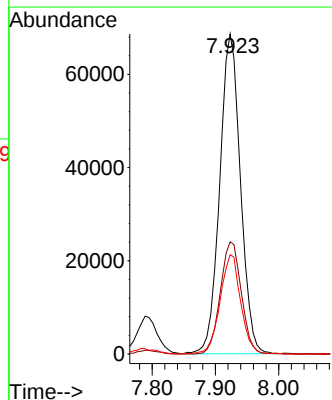
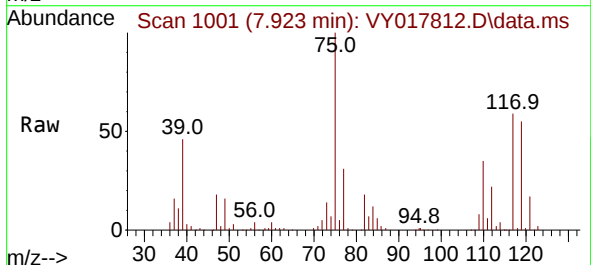
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

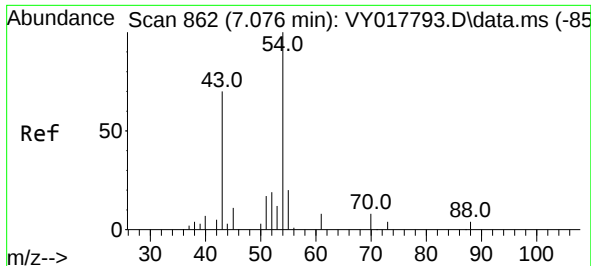
Tgt Ion:113 Resp: 116338
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 50.479 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 75 Resp: 155736
Ion Ratio Lower Upper
75 100
110 35.4 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 49.294 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

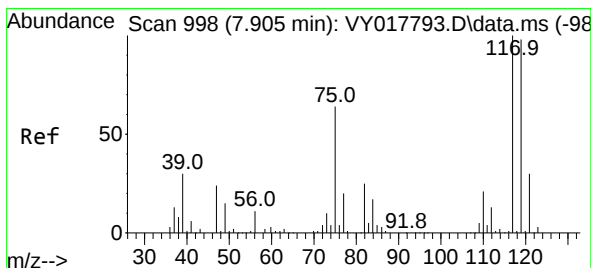
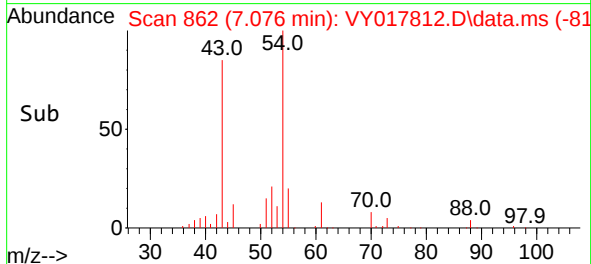
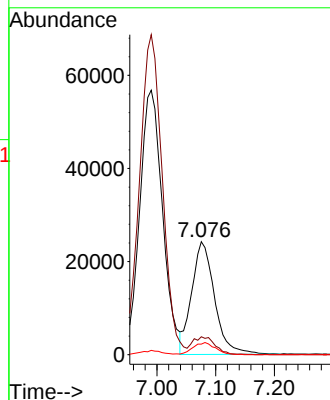
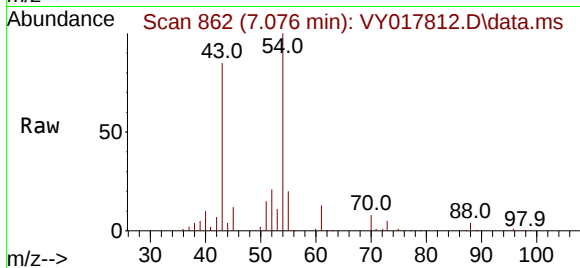
Tgt Ion: 43 Resp: 65630

Ion Ratio Lower Upper

43 100

61 15.6 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.783 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

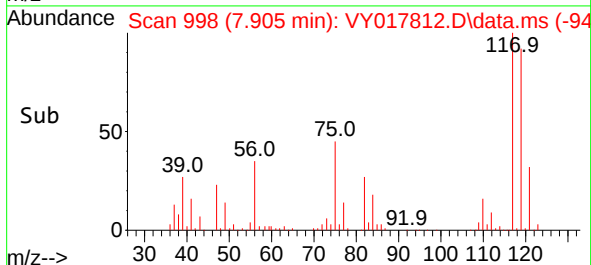
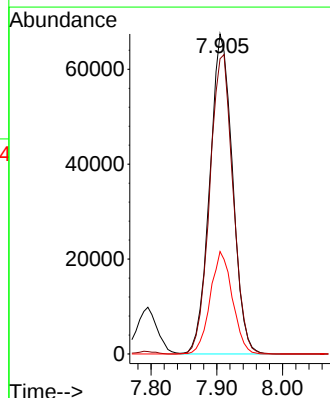
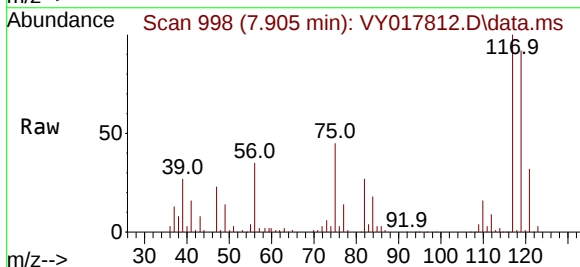
Tgt Ion: 117 Resp: 162647

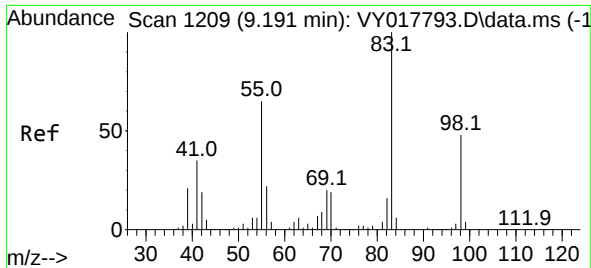
Ion Ratio Lower Upper

117 100

119 92.2 75.8 113.6

121 32.0 24.0 36.0





#39

Methylcyclohexane

Concen: 50.433 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

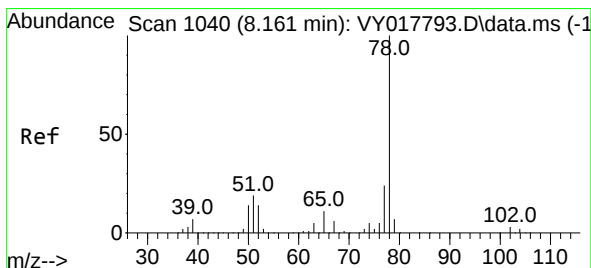
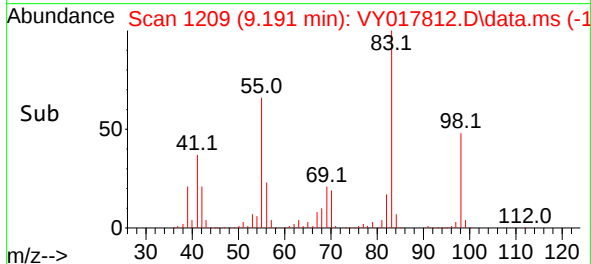
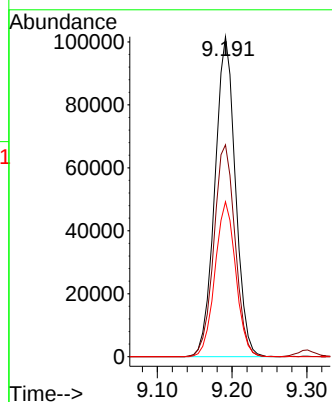
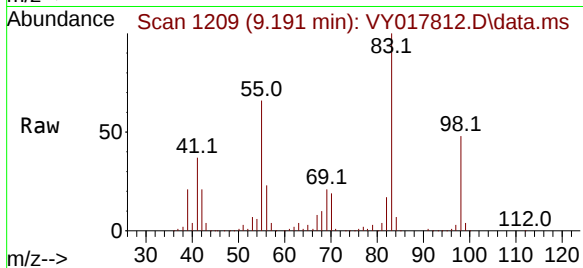
Tgt Ion: 83 Resp: 194353

Ion Ratio Lower Upper

83 100

55 66.2 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 50.220 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017812.D

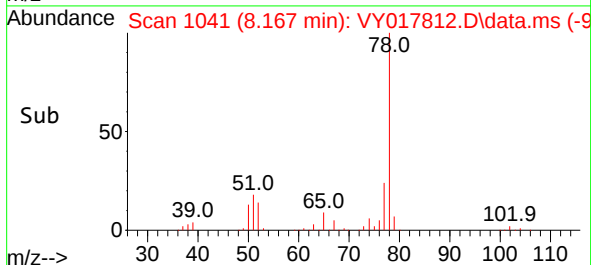
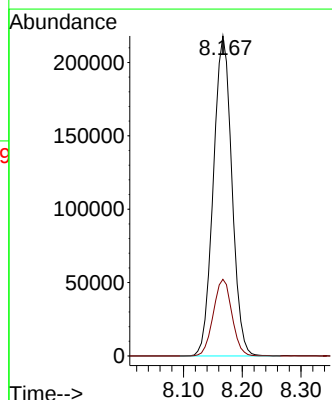
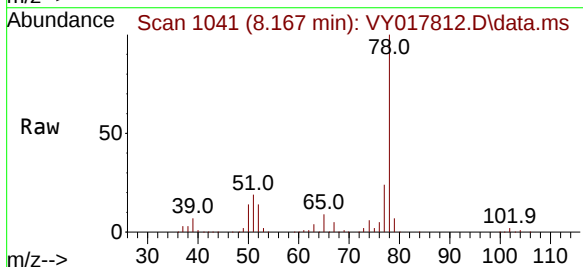
Acq: 02 Apr 2024 08:55

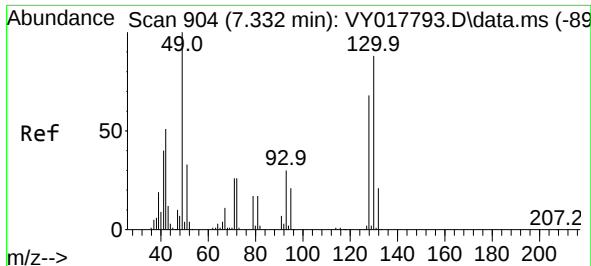
Tgt Ion: 78 Resp: 477488

Ion Ratio Lower Upper

78 100

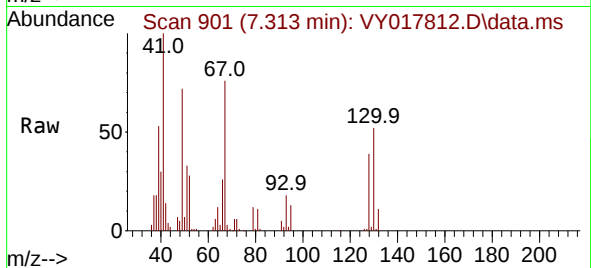
77 24.0 19.5 29.3



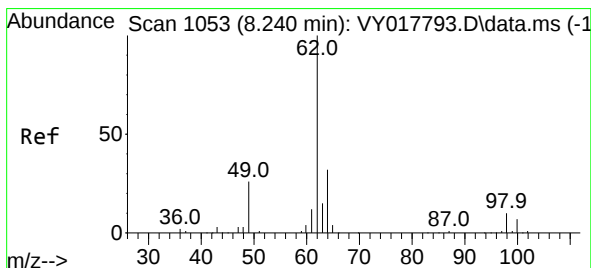
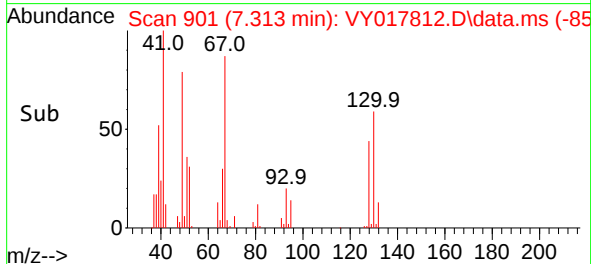
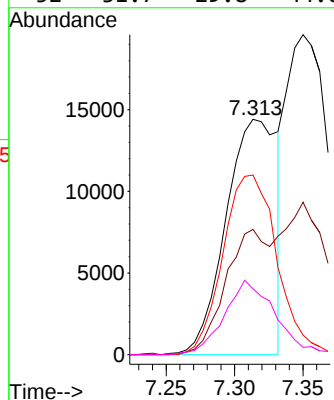


#41
Methacrylonitrile
Concen: 49.533 ug/l m
RT: 7.313 min Scan# 904
Delta R.T. -0.019 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

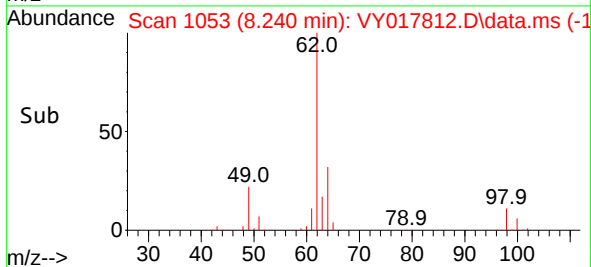
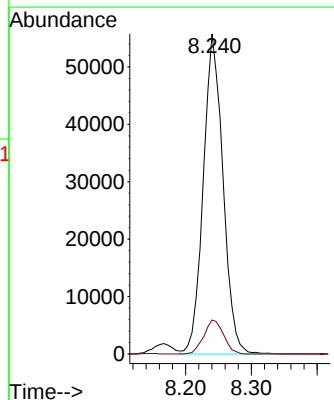
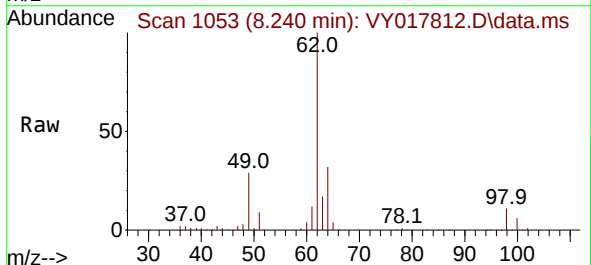


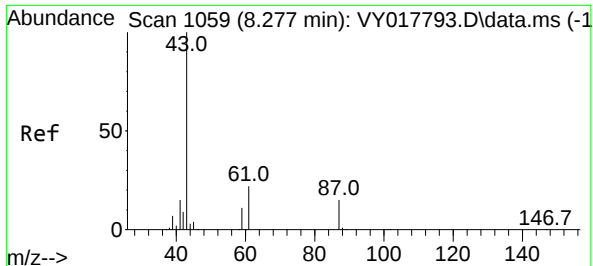
Tgt Ion: 41 Resp: 37638
Ion Ratio Lower Upper
41 100
39 45.0 48.0 72.0#
67 80.7 75.1 112.7
52 31.7 29.8 44.6



#42
1,2-Dichloroethane
Concen: 49.713 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 62 Resp: 116338
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 49.034 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

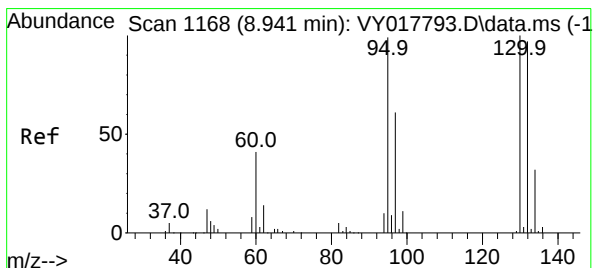
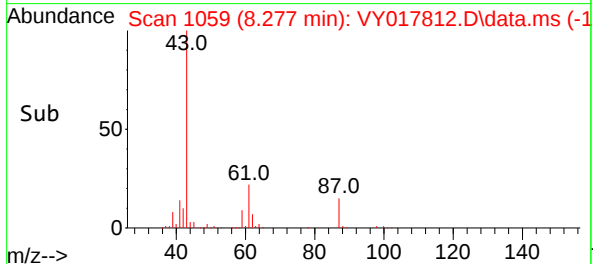
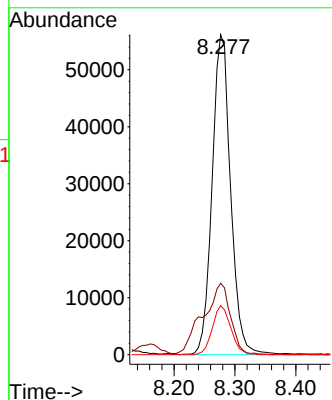
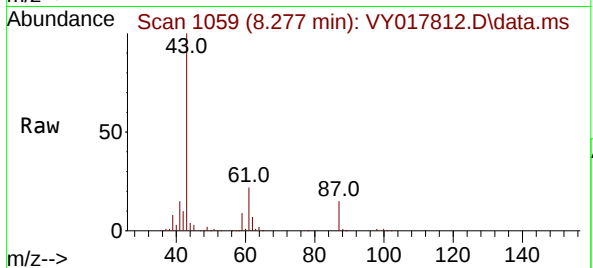
Tgt Ion: 43 Resp: 118476

Ion Ratio Lower Upper

43 100

61 33.3 27.9 41.9

87 15.2 13.1 19.7



#44

Trichloroethene

Concen: 49.028 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017812.D

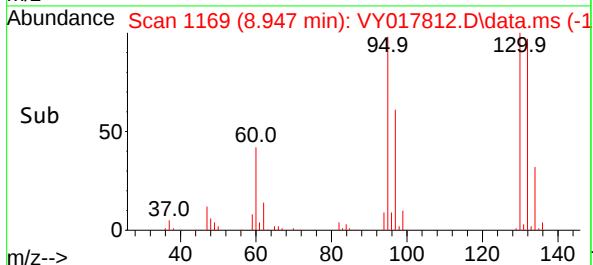
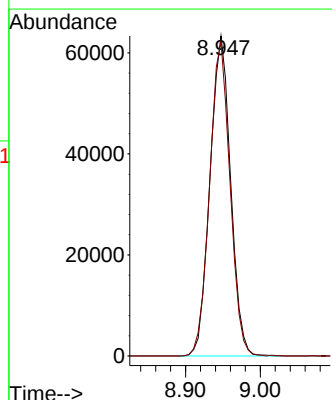
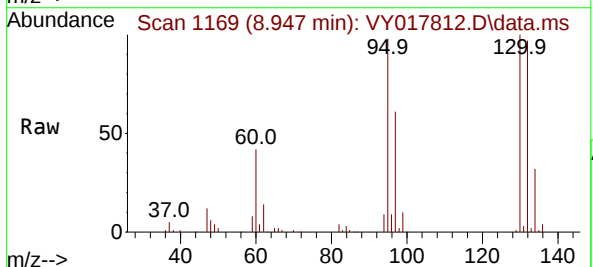
Acq: 02 Apr 2024 08:55

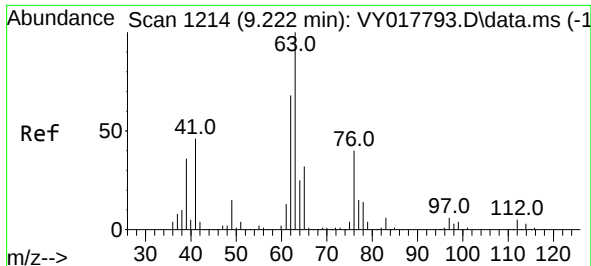
Tgt Ion:130 Resp: 121279

Ion Ratio Lower Upper

130 100

95 98.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.871 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

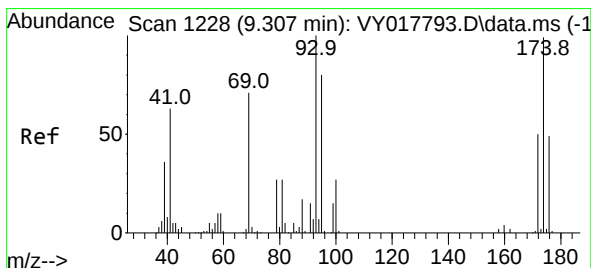
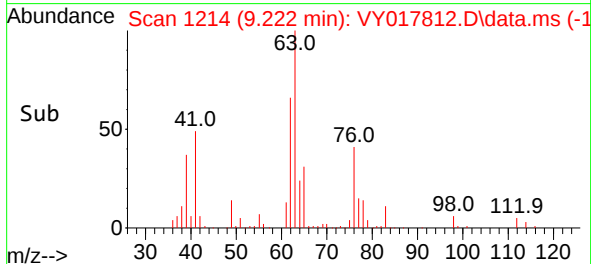
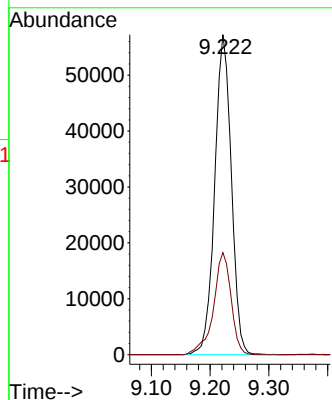
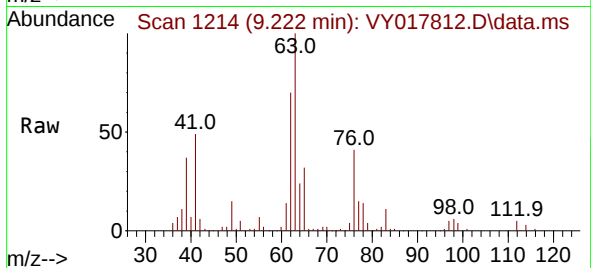
VSTDCCC050

Tgt Ion: 63 Resp: 112391

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 49.118 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

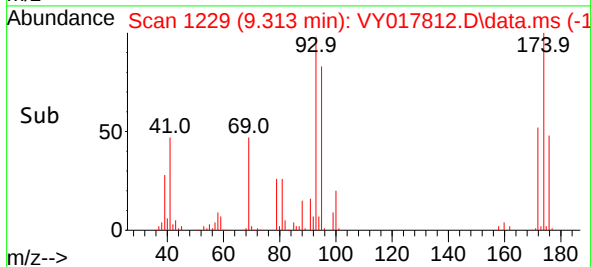
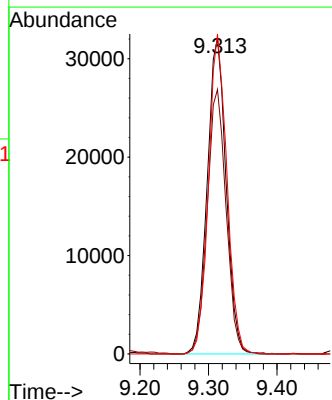
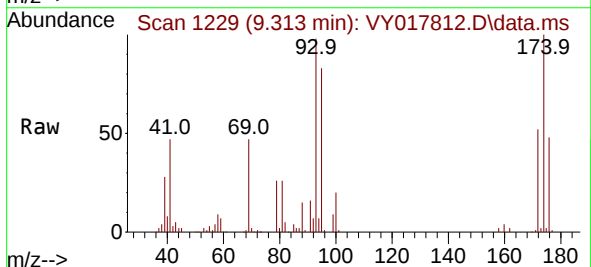
Tgt Ion: 93 Resp: 61653

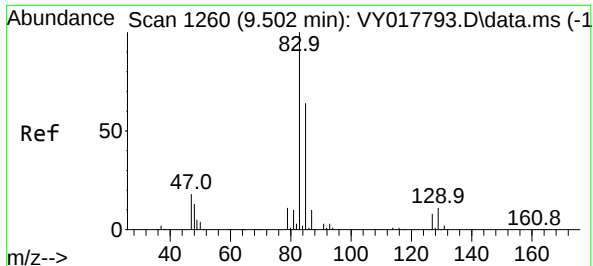
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 98.2 80.9 121.3

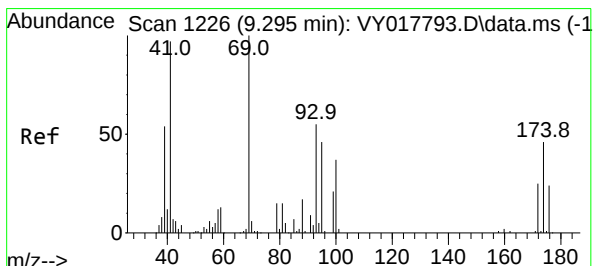
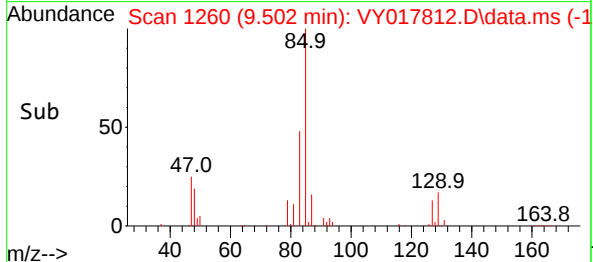
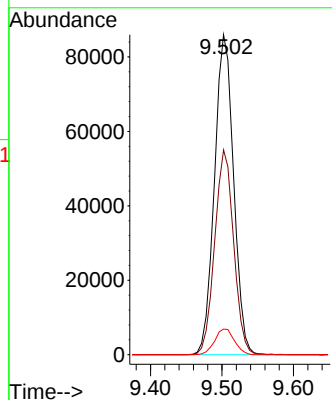
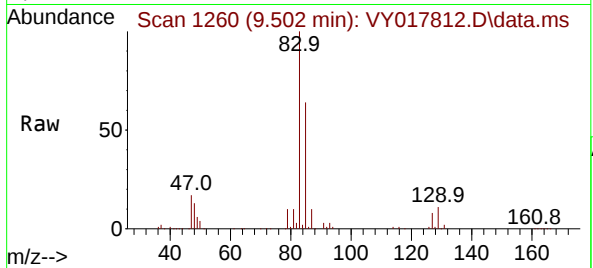




#47
Bromodichloromethane
Concen: 50.386 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

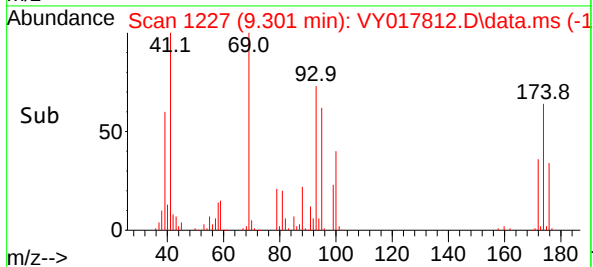
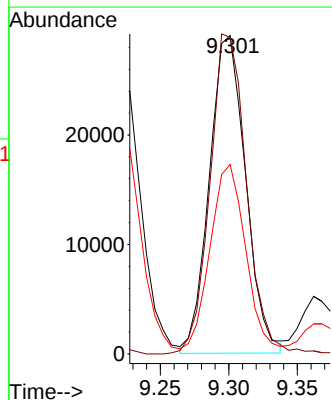
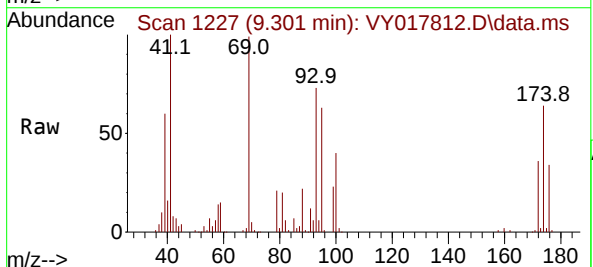
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

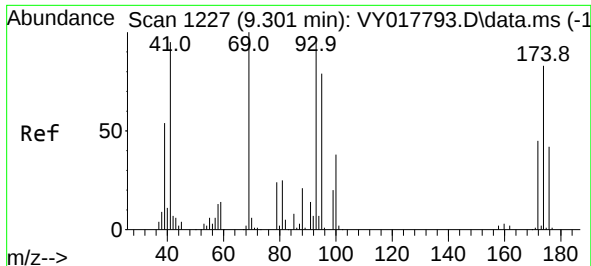
Tgt Ion: 83 Resp: 159805
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 51.712 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 41 Resp: 53308
Ion Ratio Lower Upper
41 100
69 101.5 84.1 126.1
39 56.1 43.6 65.4

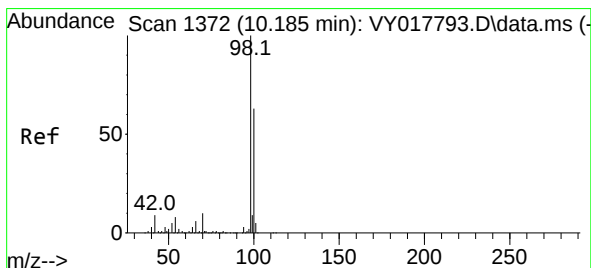
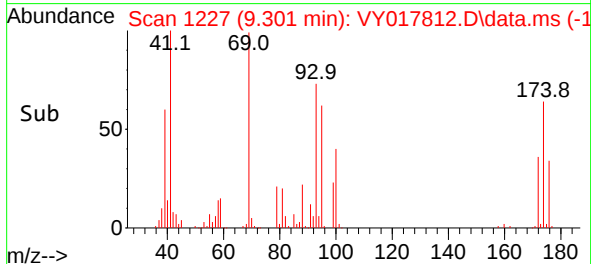
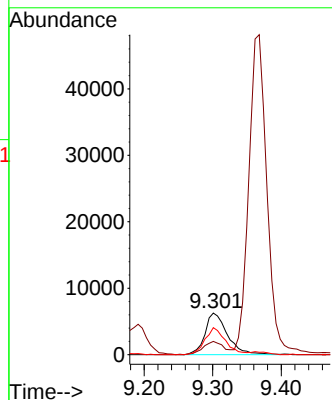
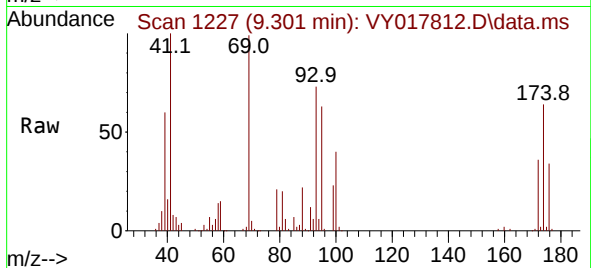




#49
1,4-Dioxane
Concen: 1013.414 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

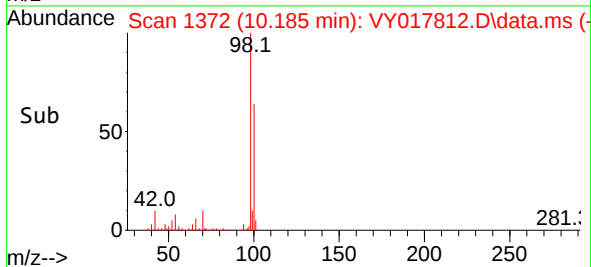
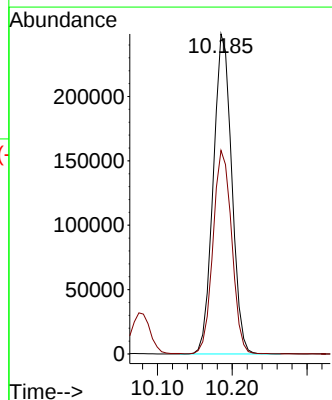
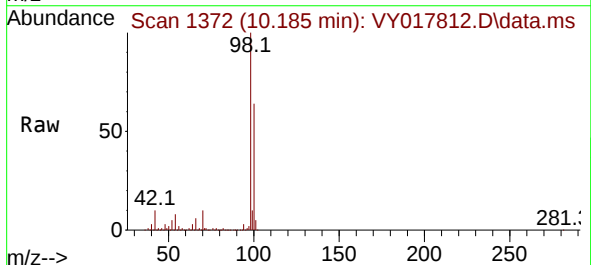
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

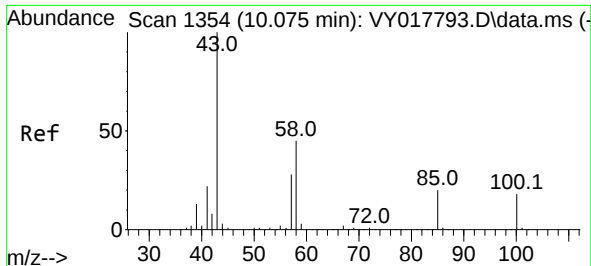
Tgt Ion: 88 Resp: 14280
Ion Ratio Lower Upper
88 100
43 29.1 0.0 0.0#
58 59.6 49.3 73.9



#50
Toluene-d8
Concen: 54.033 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 98 Resp: 426778
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 264.971 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

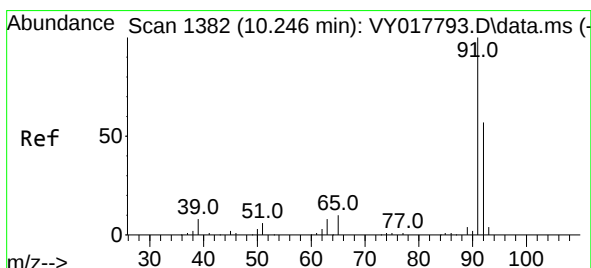
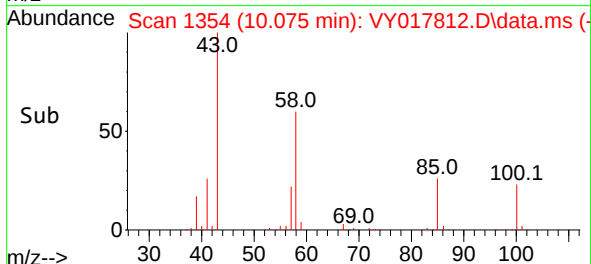
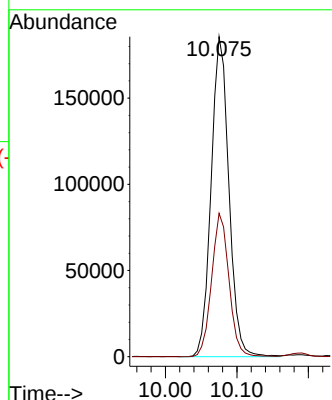
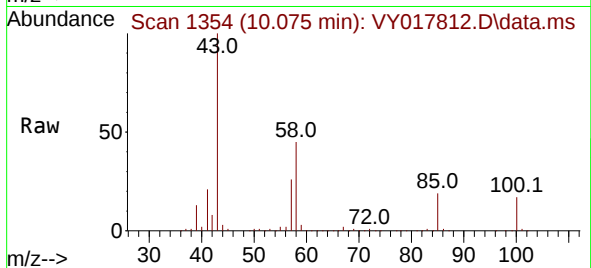
VSTDCCC050

Tgt Ion: 43 Resp: 319968

Ion Ratio Lower Upper

43 100

58 43.9 35.7 53.5



#52

Toluene

Concen: 50.175 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017812.D

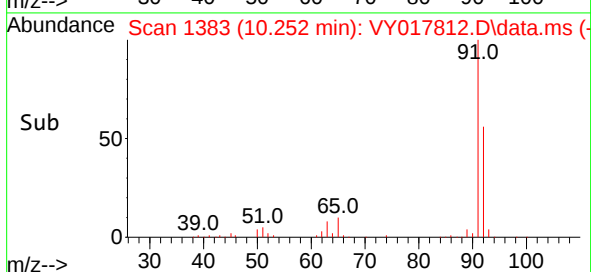
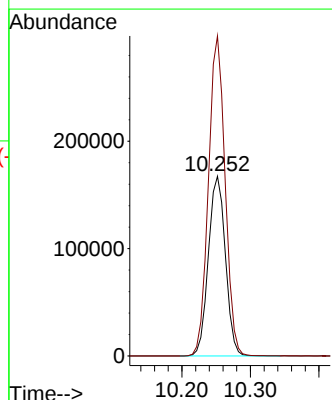
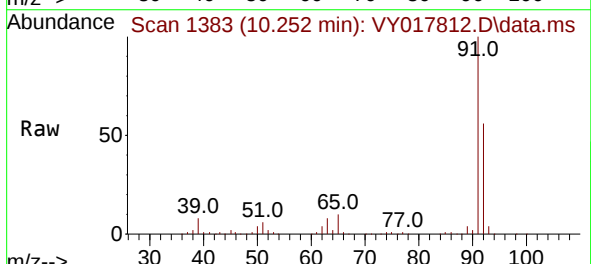
Acq: 02 Apr 2024 08:55

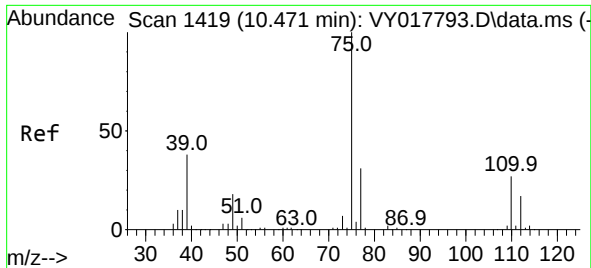
Tgt Ion: 92 Resp: 289365

Ion Ratio Lower Upper

92 100

91 174.5 139.0 208.6

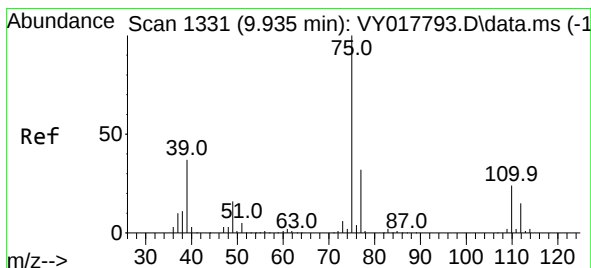
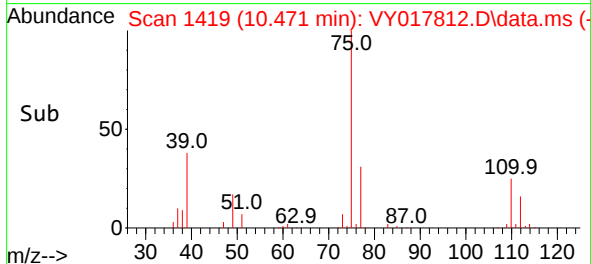
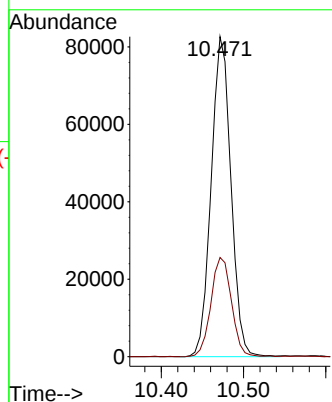
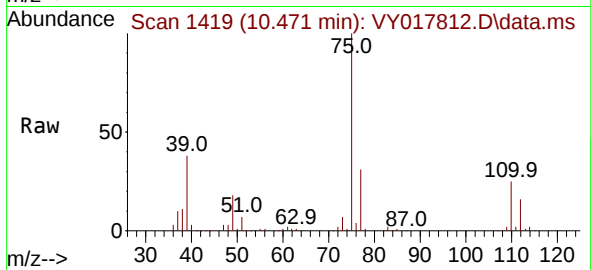




#53
 t-1,3-Dichloropropene
 Concen: 49.026 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

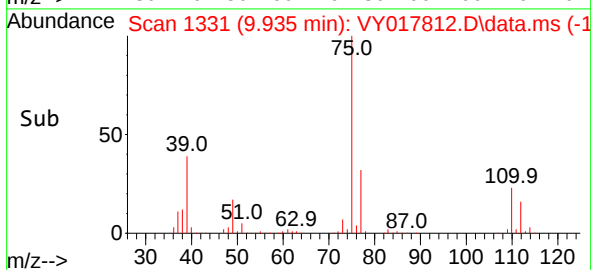
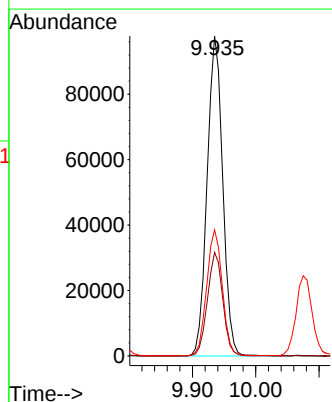
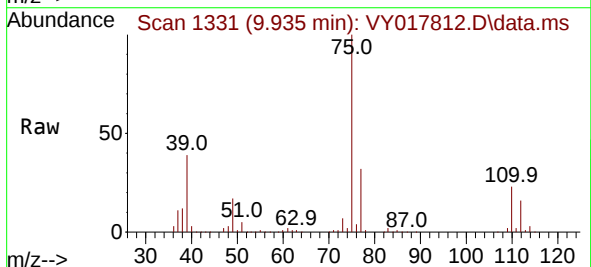
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

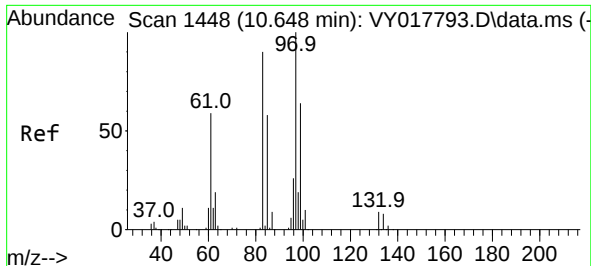
Tgt Ion: 75 Resp: 138062
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 48.852 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017812.D
 Acq: 02 Apr 2024 08:55

Tgt Ion: 75 Resp: 167903
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 39.3 29.8 44.6

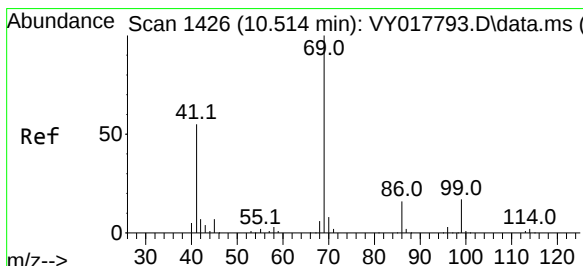
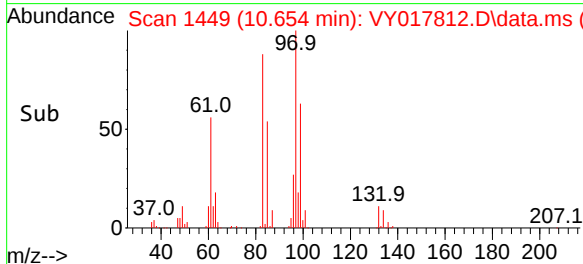
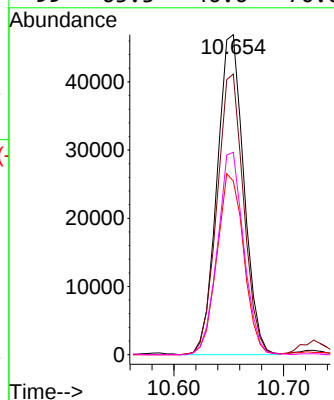
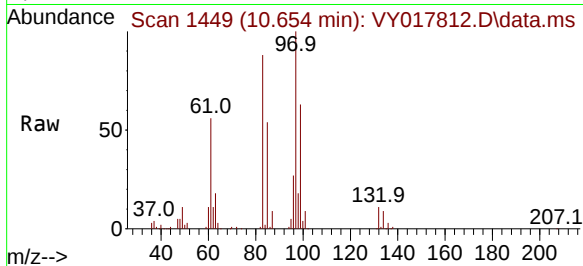




#55
1,1,2-Trichloroethane
Concen: 47.738 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

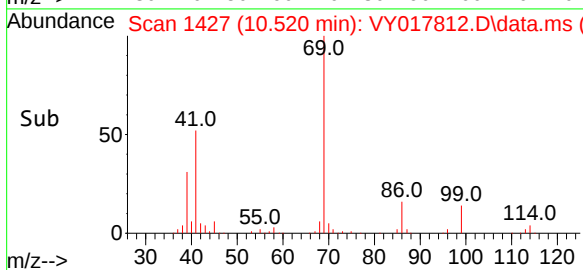
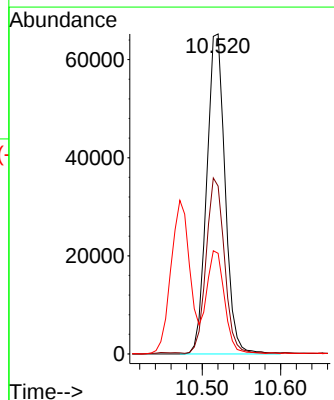
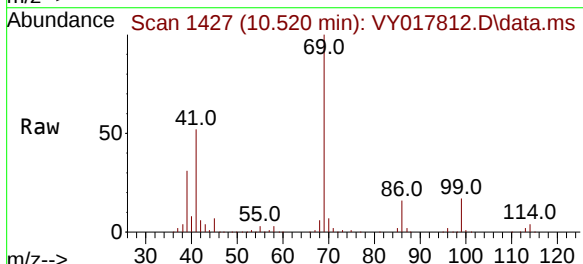
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

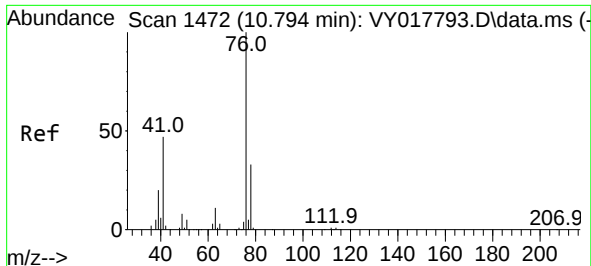
Tgt Ion: 97	Resp: 79843
Ion Ratio	Lower Upper
97 100	
83 87.7	67.5 101.3
85 54.2	42.9 64.3
99 63.3	46.6 70.0



#56
Ethyl methacrylate
Concen: 51.482 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 69	Resp: 106170
Ion Ratio	Lower Upper
69 100	
41 54.5	42.3 63.5
39 31.2	22.9 34.3





#57

1,3-Dichloropropane

Concen: 48.716 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

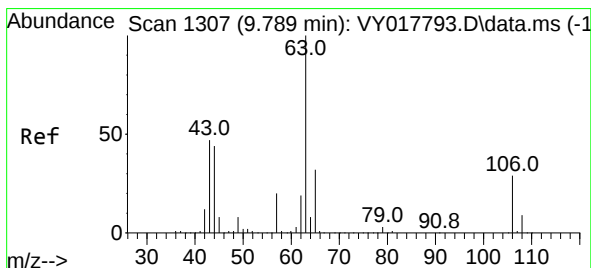
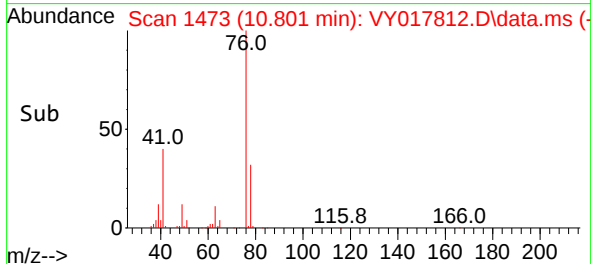
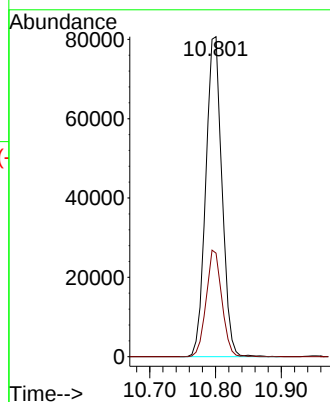
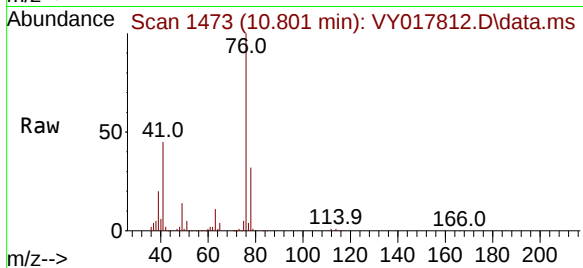
VSTDCCC050

Tgt Ion: 76 Resp: 137805

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 271.698 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY017812.D

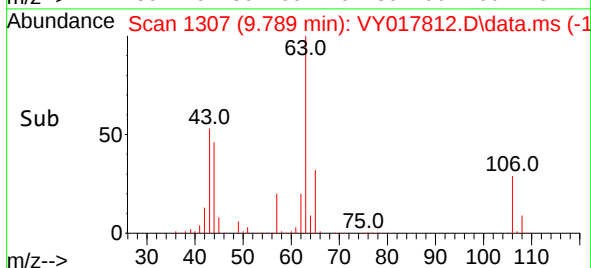
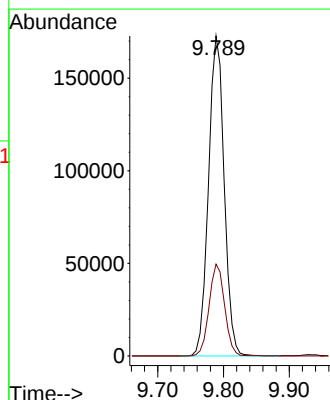
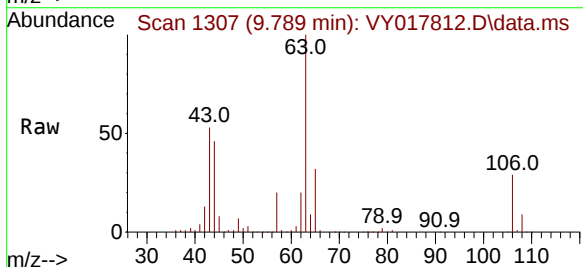
Acq: 02 Apr 2024 08:55

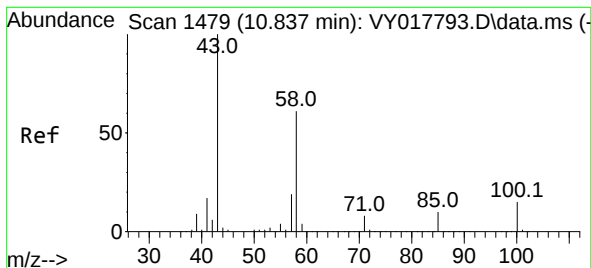
Tgt Ion: 63 Resp: 286635

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5





#59

2-Hexanone

Concen: 269.731 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

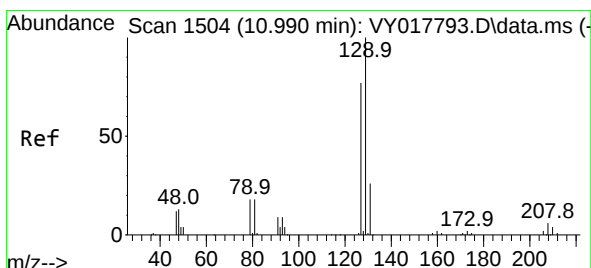
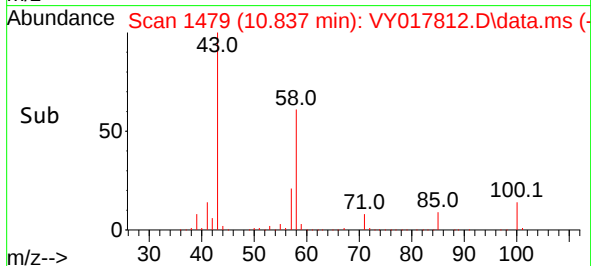
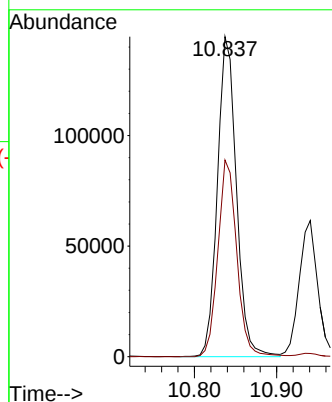
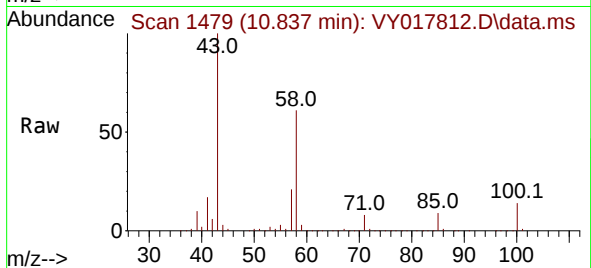
VSTDCCC050

Tgt Ion: 43 Resp: 232666

Ion Ratio Lower Upper

43 100

58 61.0 31.4 94.0



#60

Dibromochloromethane

Concen: 47.548 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017812.D

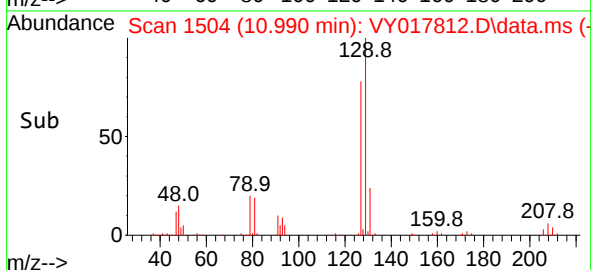
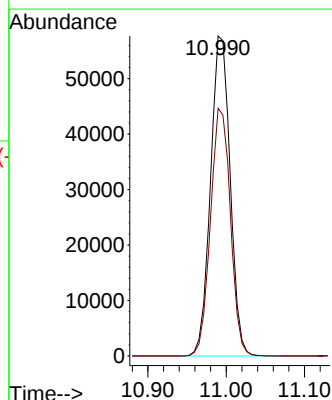
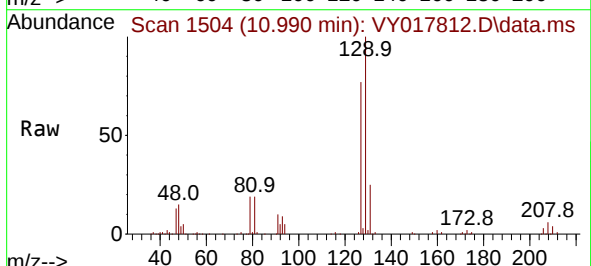
Acq: 02 Apr 2024 08:55

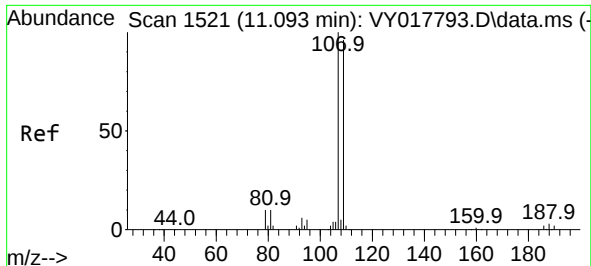
Tgt Ion: 129 Resp: 100301

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0

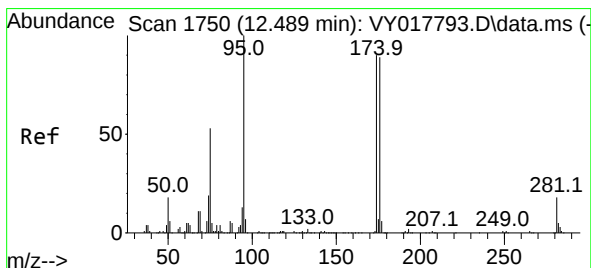
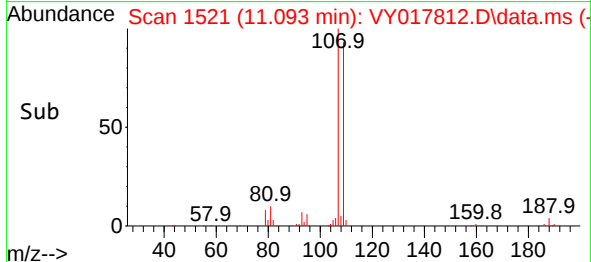
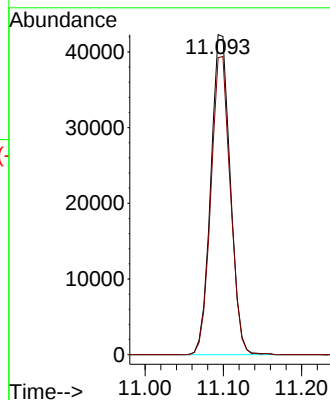
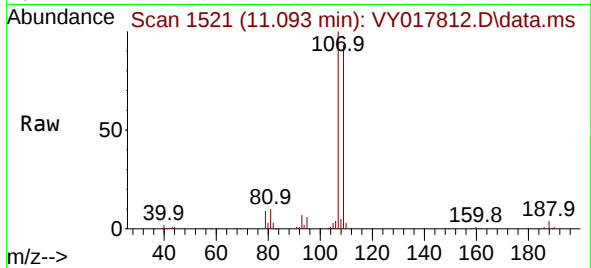




#61
1,2-Dibromoethane
Concen: 47.783 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

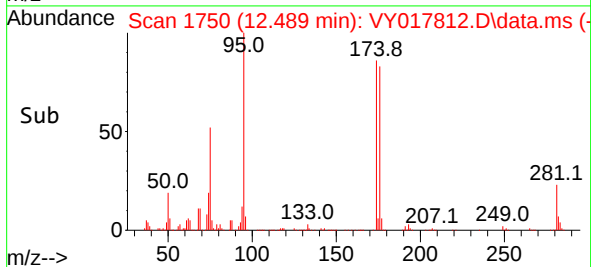
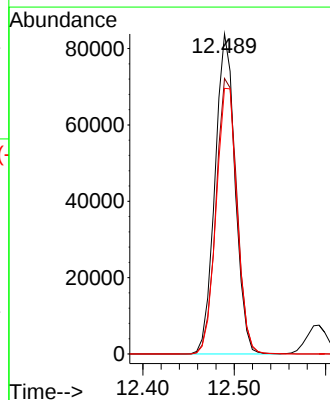
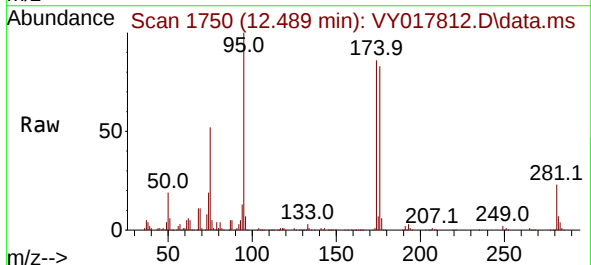
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

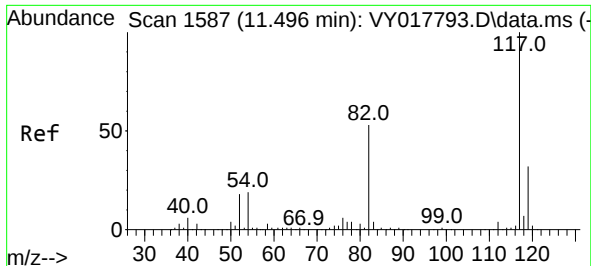
Tgt Ion:107 Resp: 72873
Ion Ratio Lower Upper
107 100
109 93.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.386 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 95 Resp: 128292
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 86.6 0.0 171.4

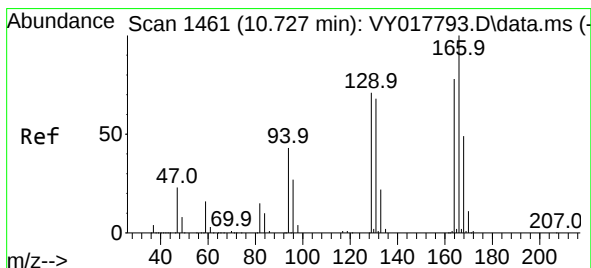
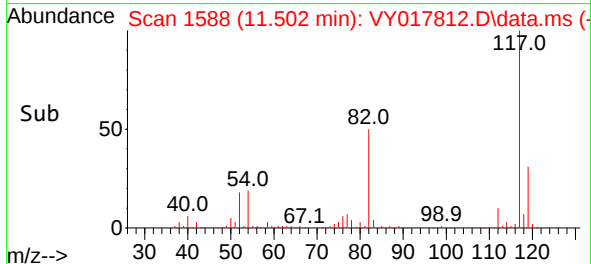
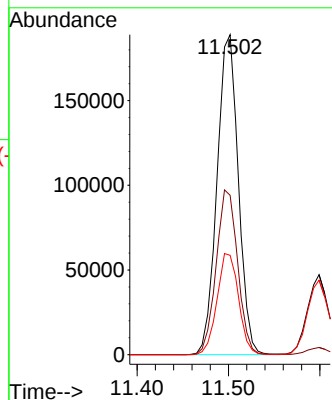
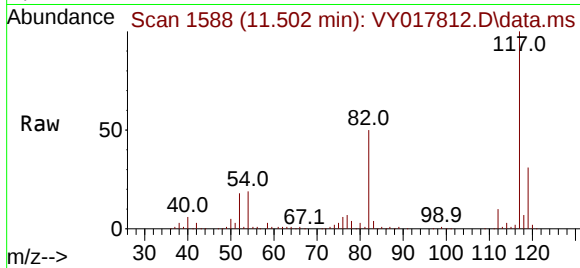




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

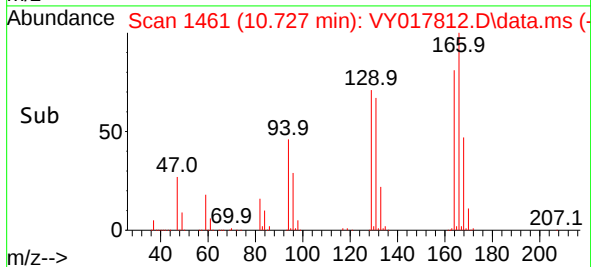
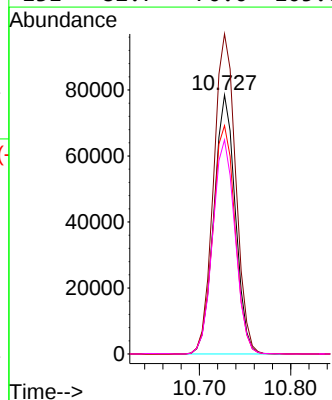
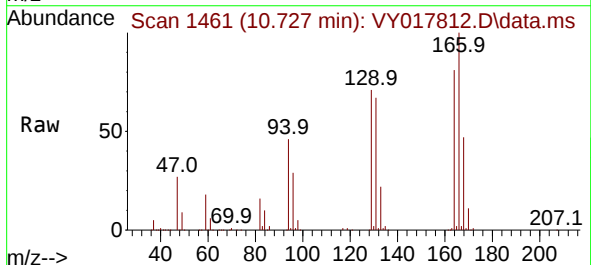
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

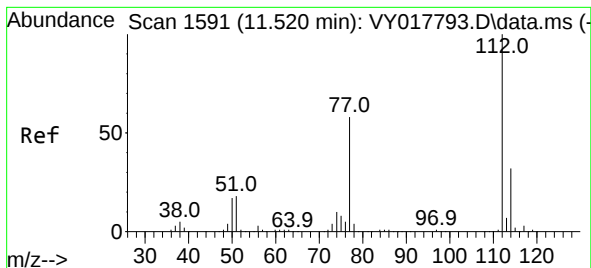
Tgt Ion:117 Resp: 306386
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.1 25.9 38.9



#64
Tetrachloroethene
Concen: 47.689 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion:164 Resp: 127440
Ion Ratio Lower Upper
164 100
166 123.5 102.6 154.0
129 88.1 72.0 108.0
131 82.7 70.0 105.0

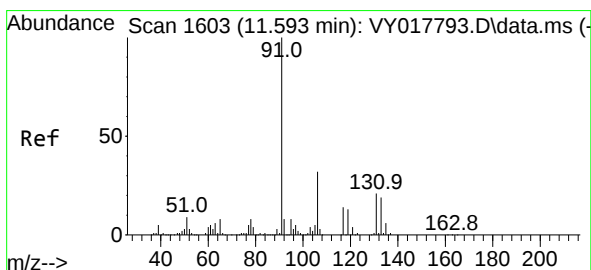
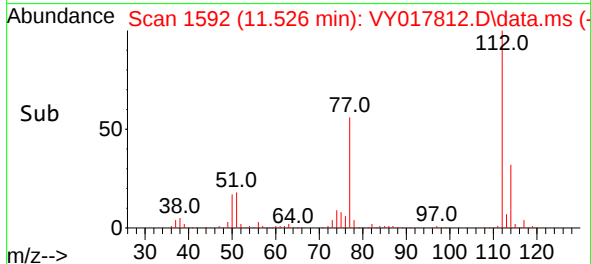
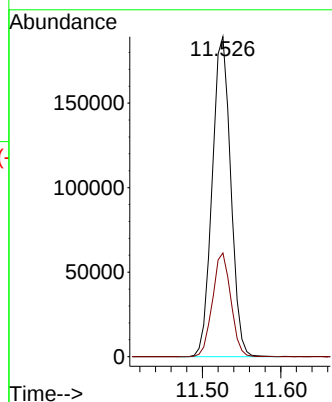
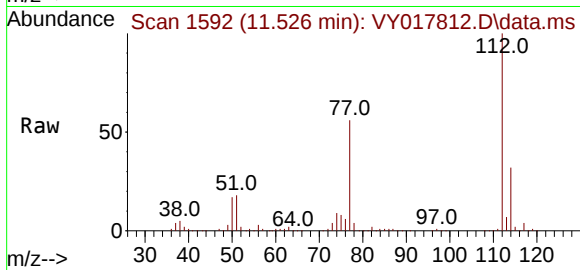




#65
Chlorobenzene
Concen: 49.472 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

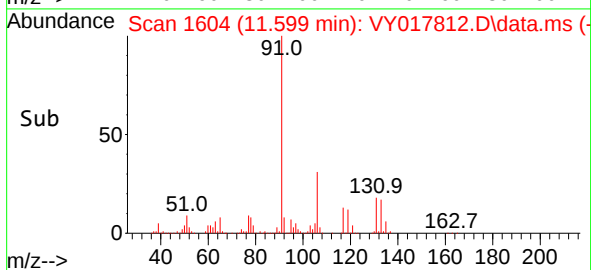
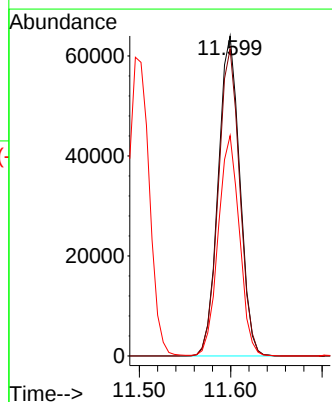
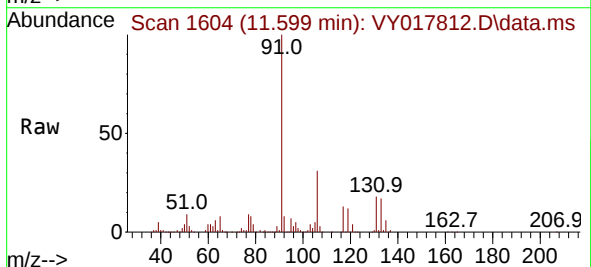
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

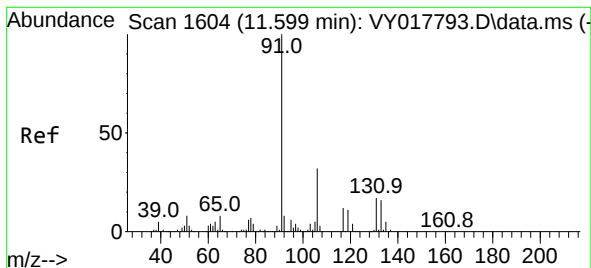
Tgt Ion:112 Resp: 310932
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.148 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion:131 Resp: 104885
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.7 34.1 102.2





#67

Ethyl Benzene

Concen: 50.920 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

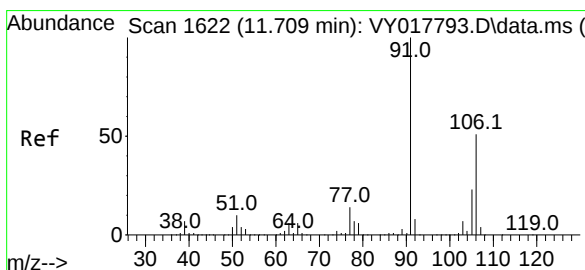
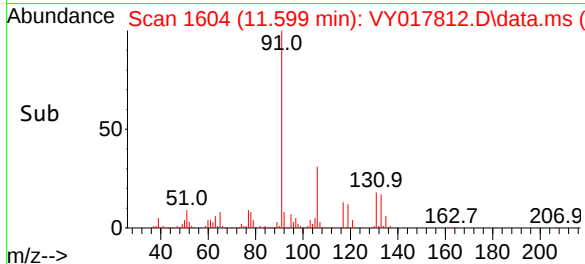
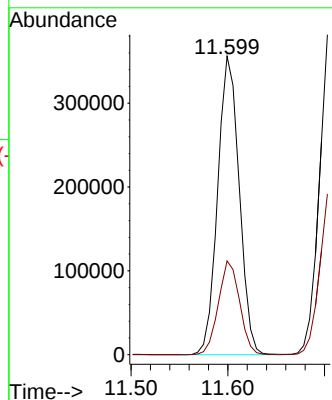
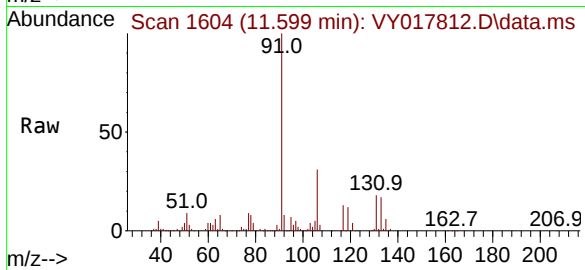
VSTDCCC050

Tgt Ion: 91 Resp: 550161

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 101.338 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017812.D

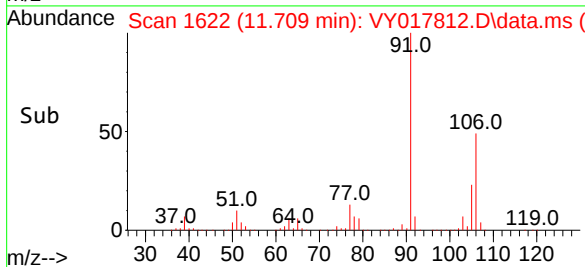
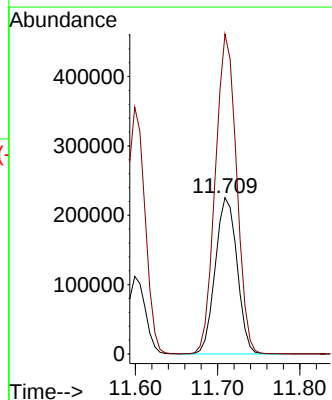
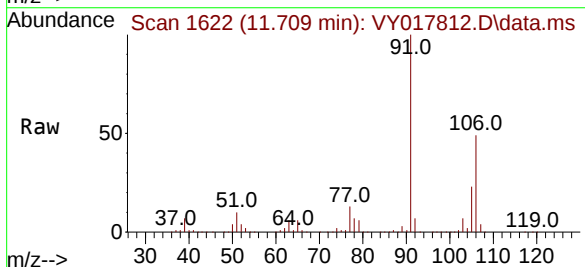
Acq: 02 Apr 2024 08:55

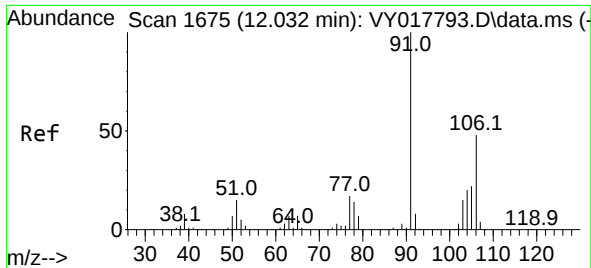
Tgt Ion: 106 Resp: 415230

Ion Ratio Lower Upper

106 100

91 200.0 156.0 234.0

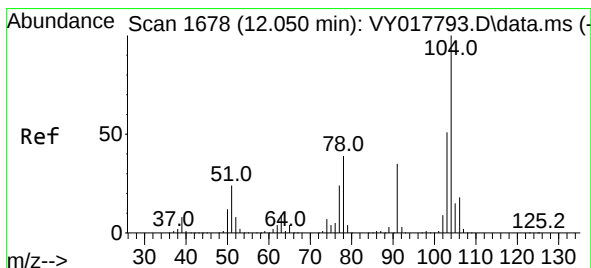
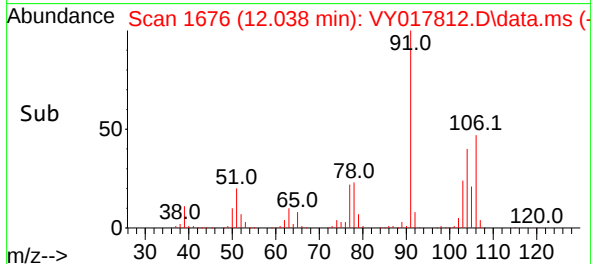
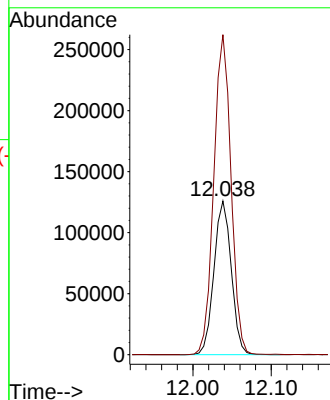
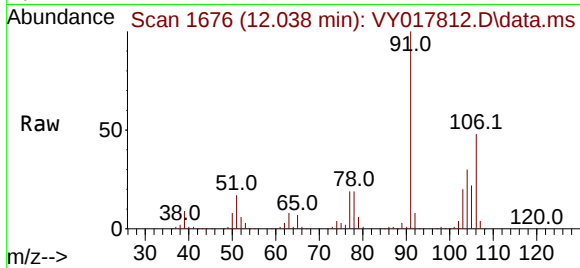




#69
o-Xylene
Concen: 55.763 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

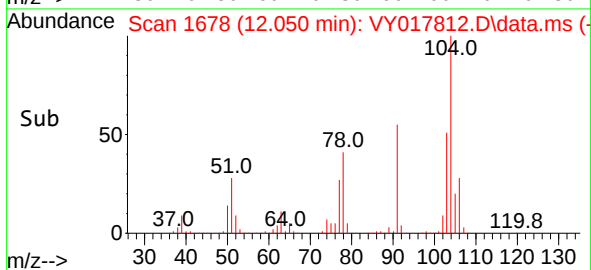
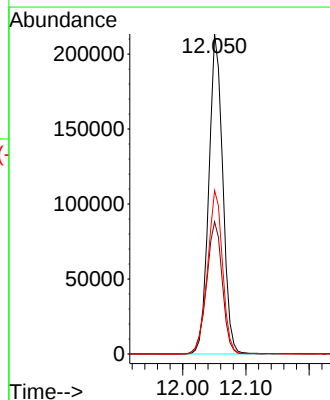
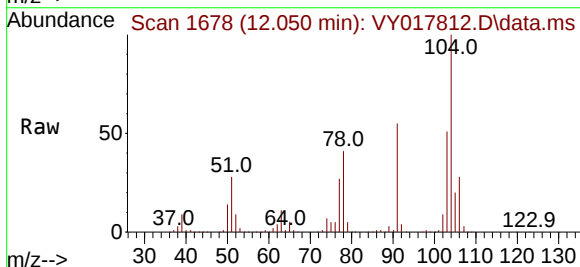
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

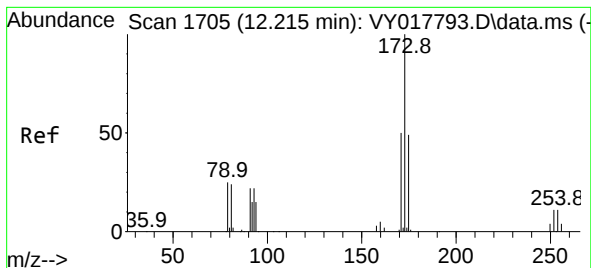
Tgt Ion:106 Resp: 193112
Ion Ratio Lower Upper
106 100
91 207.6 103.6 310.8



#70
Styrene
Concen: 55.173 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion:104 Resp: 328619
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 54.9 44.2 66.2





#71

Bromoform

Concen: 49.182 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

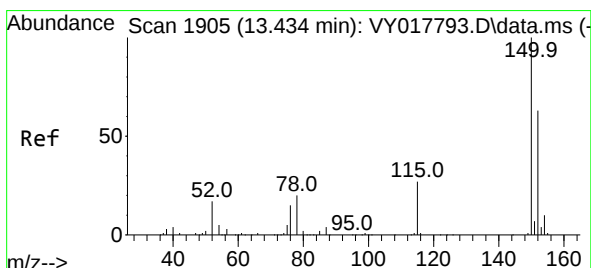
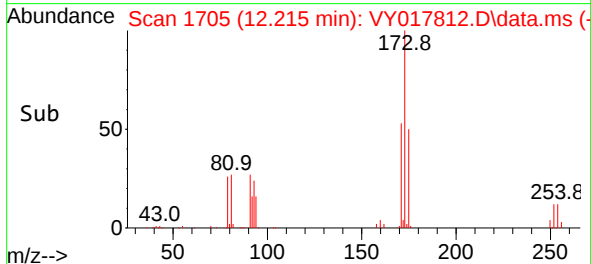
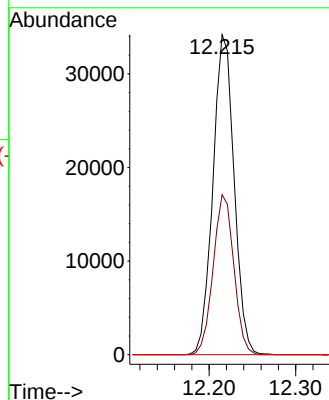
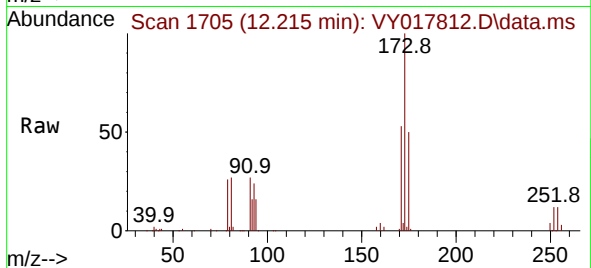
Tgt Ion:173 Resp: 58178

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

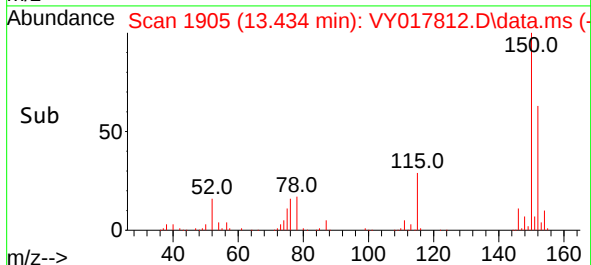
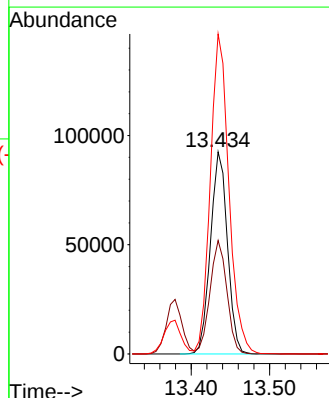
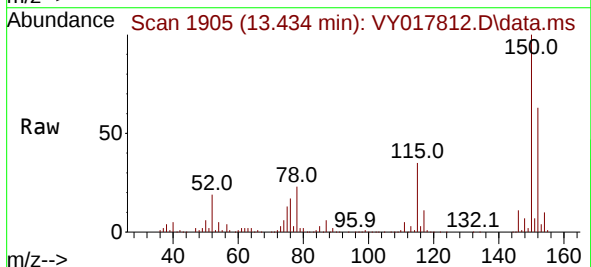
Tgt Ion:152 Resp: 139214

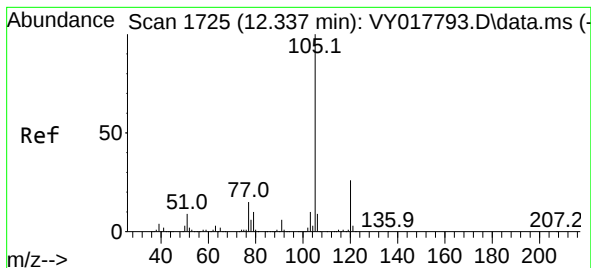
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 172.9 0.0 345.6





#73

Isopropylbenzene

Concen: 51.571 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

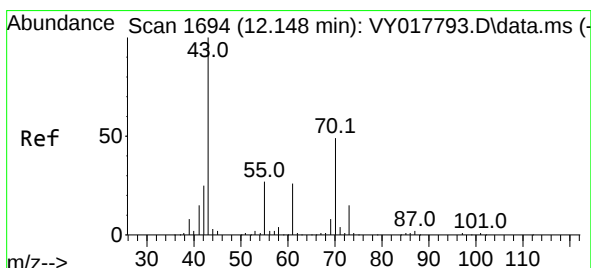
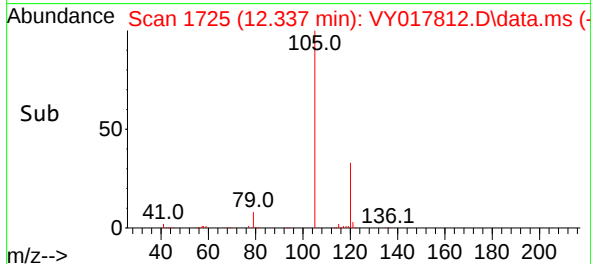
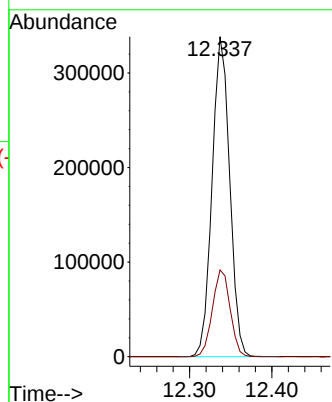
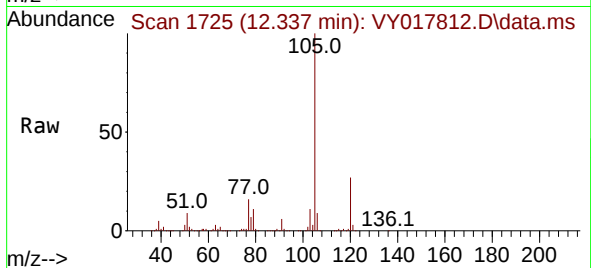
VSTDCCC050

Tgt Ion:105 Resp: 503133

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.489 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Tgt Ion: 43 Resp: 99737

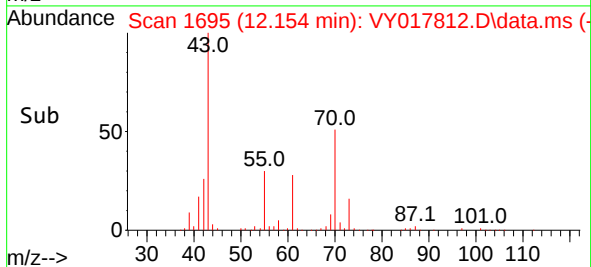
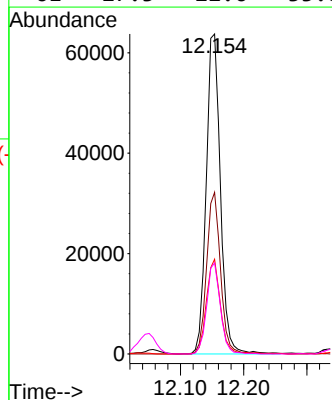
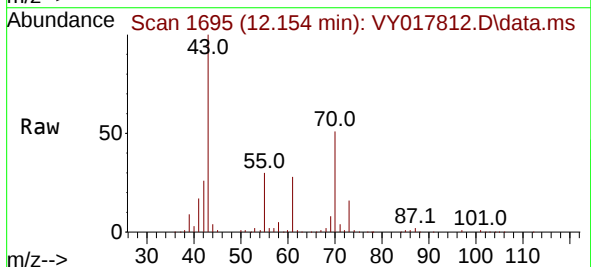
Ion Ratio Lower Upper

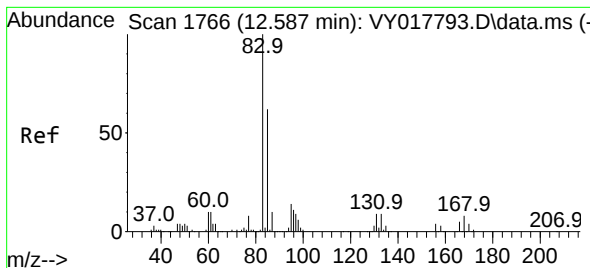
43 100

70 49.5 41.4 62.2

55 29.5 23.3 34.9

61 27.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.182 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

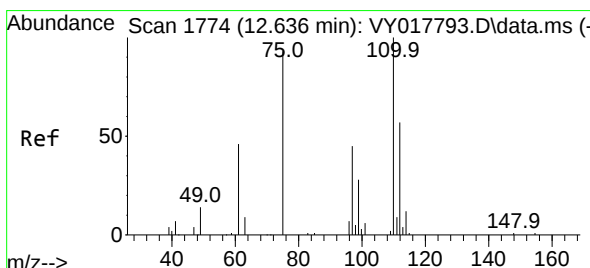
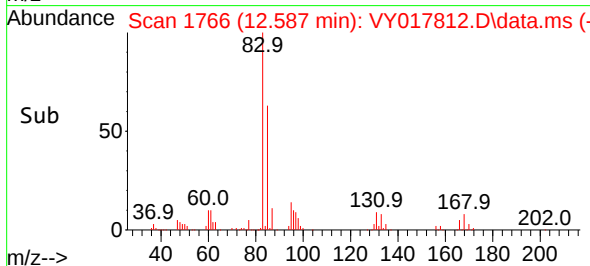
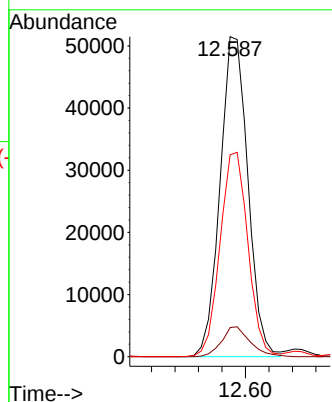
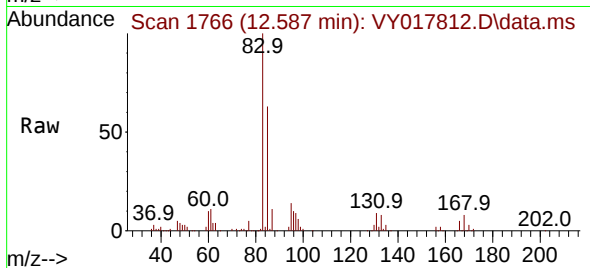
Tgt Ion: 83 Resp: 84689

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 44.765 ug/l m

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017812.D

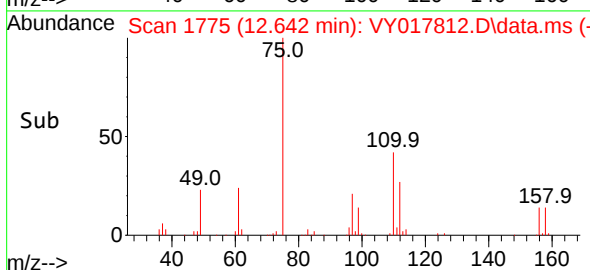
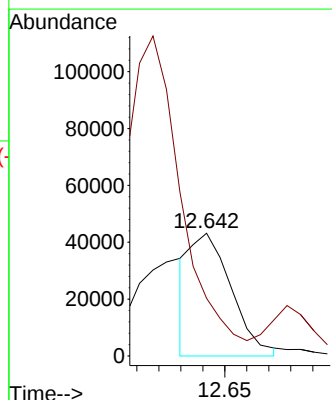
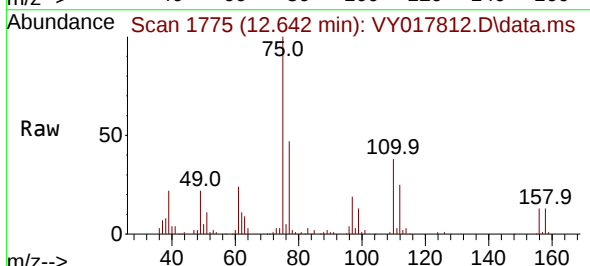
Acq: 02 Apr 2024 08:55

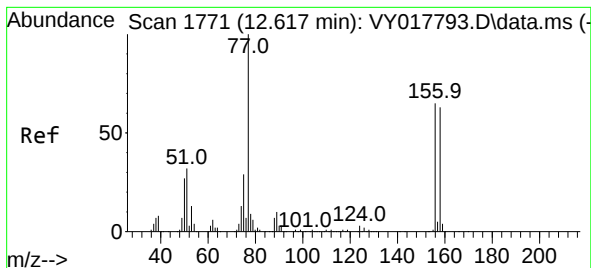
Tgt Ion: 75 Resp: 56789

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.376 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

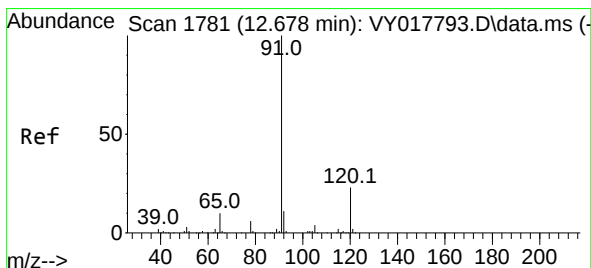
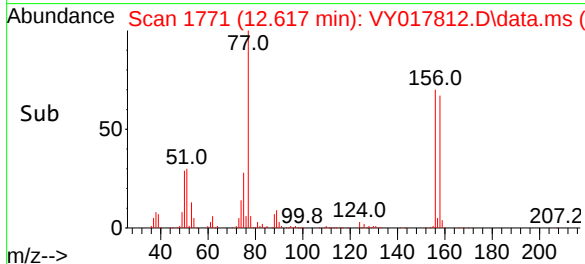
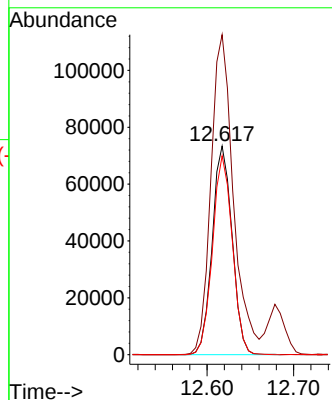
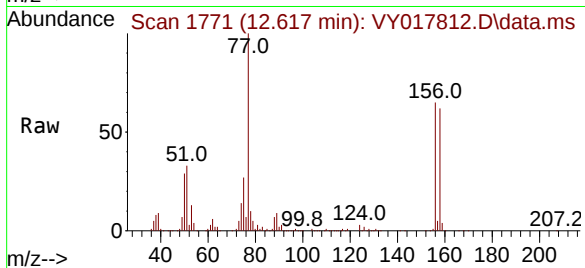
Tgt Ion:156 Resp: 117052

Ion Ratio Lower Upper

156 100

77 173.4 87.1 261.3

158 95.2 48.6 145.9



#78

n-propylbenzene

Concen: 52.321 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017812.D

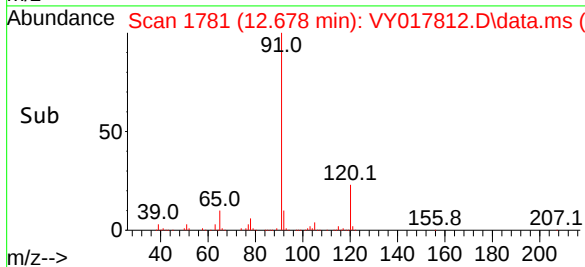
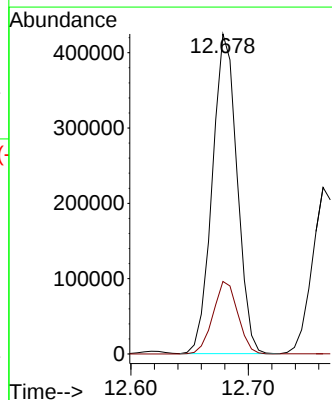
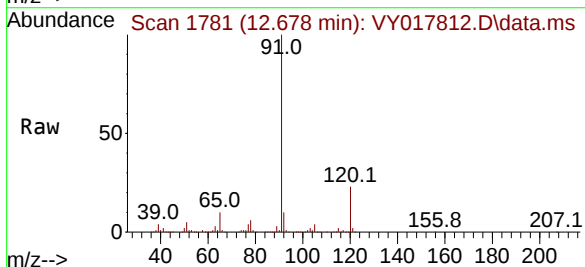
Acq: 02 Apr 2024 08:55

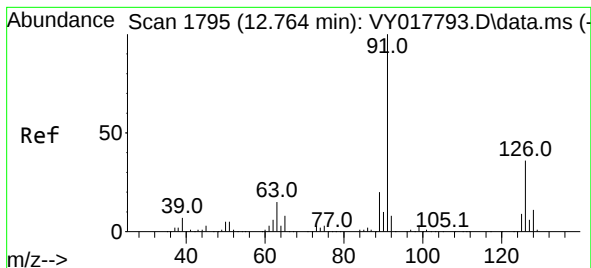
Tgt Ion: 91 Resp: 622846

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

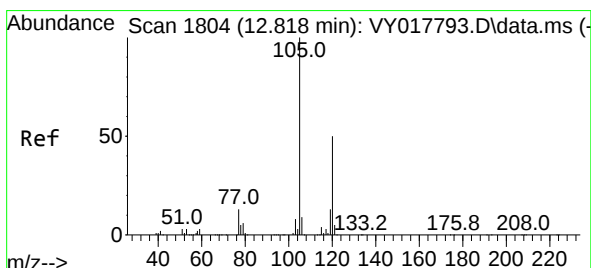
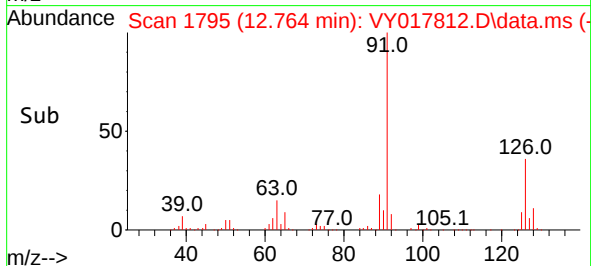
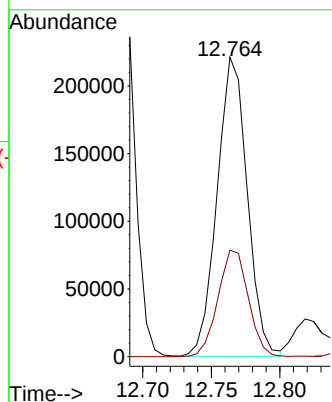
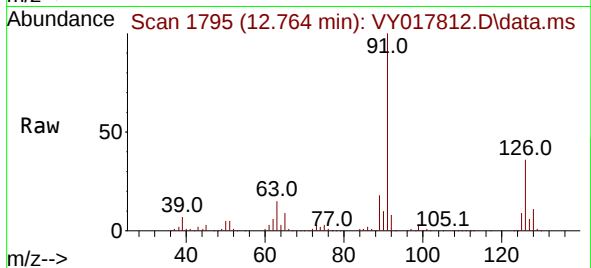




#79
2-Chlorotoluene
Concen: 51.830 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

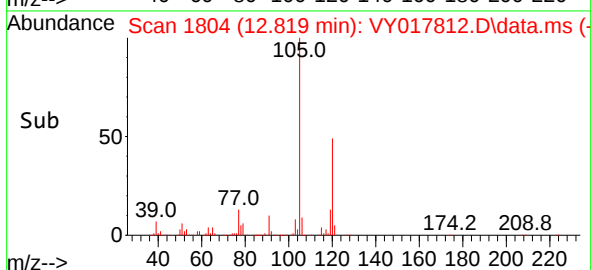
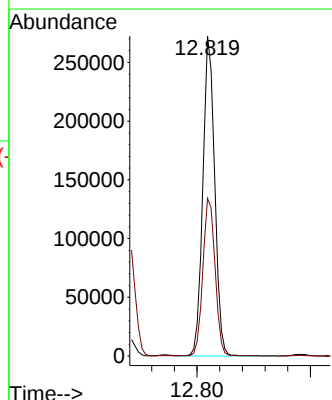
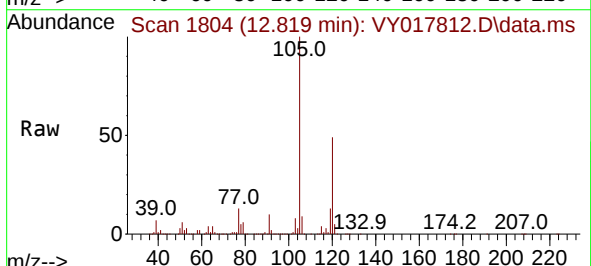
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

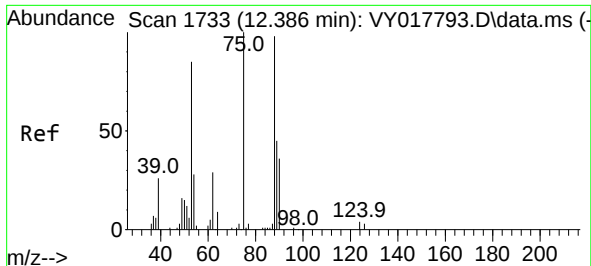
Tgt Ion: 91 Resp: 337969
Ion Ratio Lower Upper
91 100
126 36.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.911 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 105 Resp: 395244
Ion Ratio Lower Upper
105 100
120 50.8 25.1 75.2

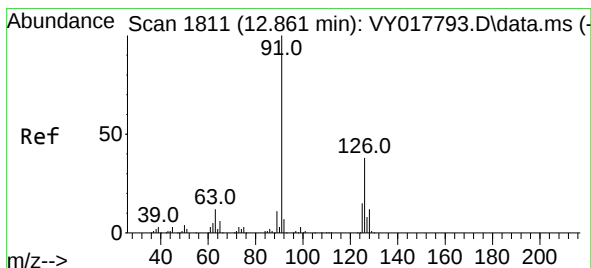
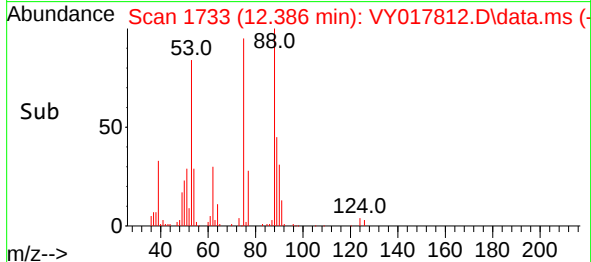
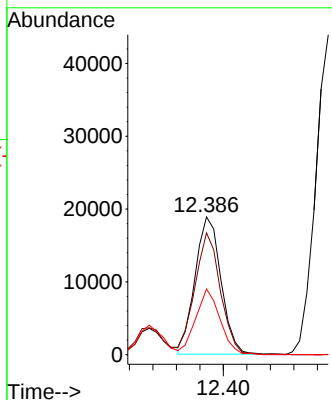
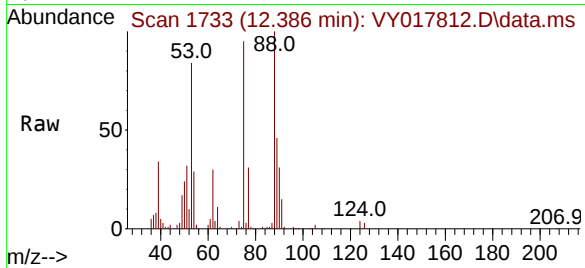




#81
trans-1,4-Dichloro-2-butene
Concen: 52.654 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

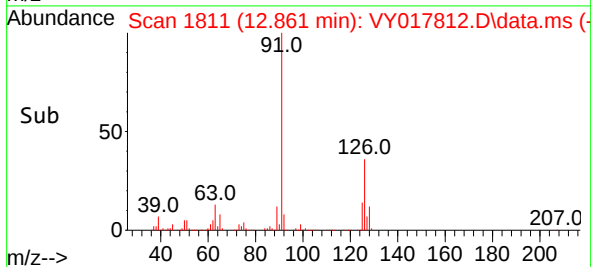
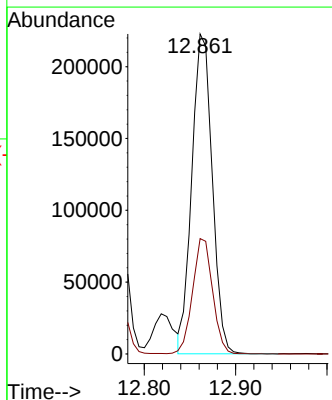
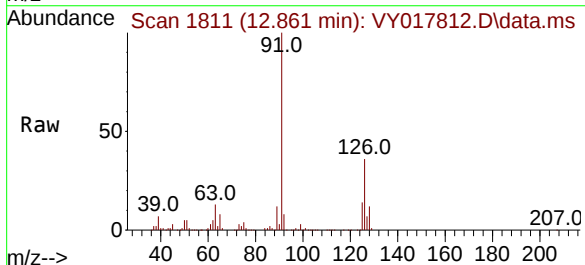
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

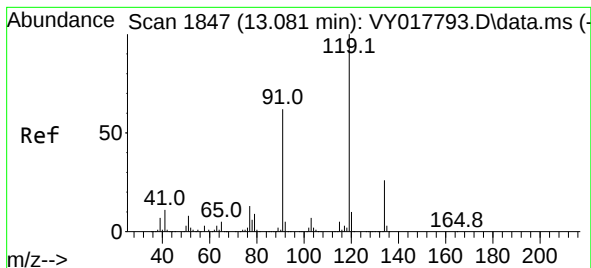
Tgt Ion: 75 Resp: 28904
Ion Ratio Lower Upper
75 100
53 89.3 66.8 100.2
89 45.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.073 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion: 91 Resp: 344844
Ion Ratio Lower Upper
91 100
126 35.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.816 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

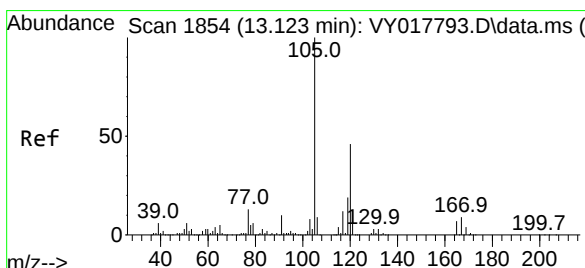
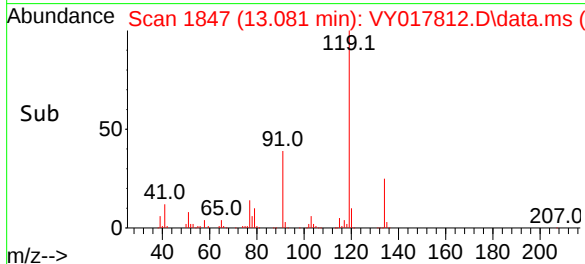
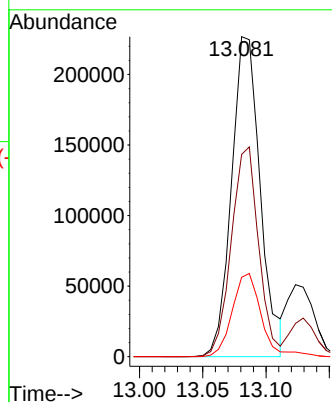
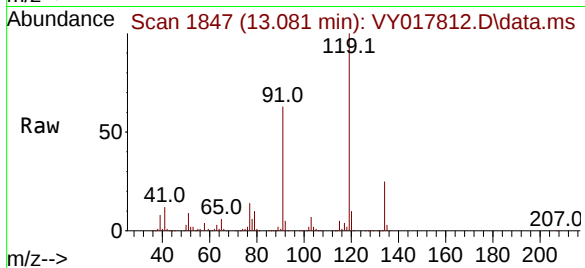
Tgt Ion:119 Resp: 358683

Ion Ratio Lower Upper

119 100

91 62.5 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.429 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017812.D

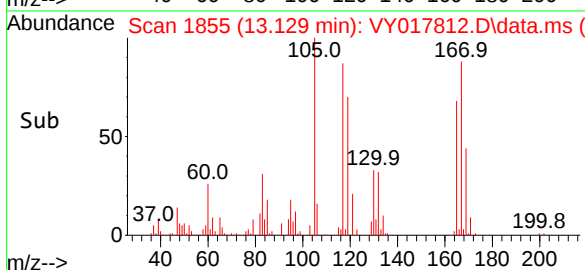
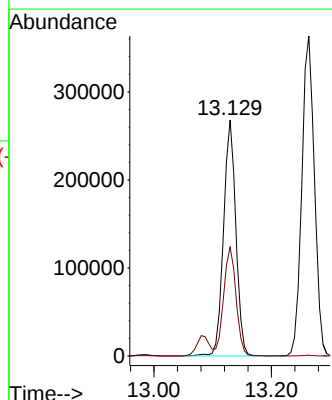
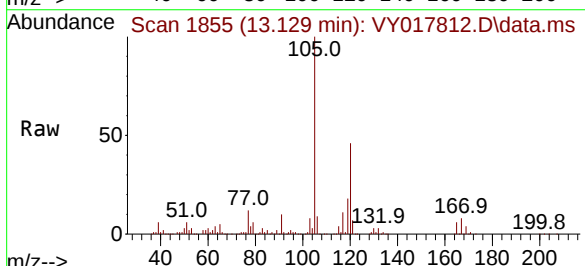
Acq: 02 Apr 2024 08:55

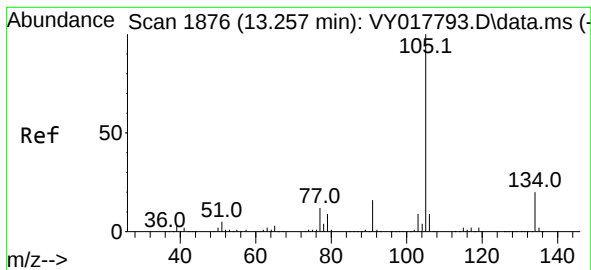
Tgt Ion:105 Resp: 389992

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.932 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

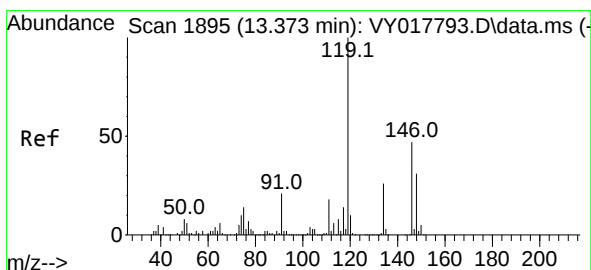
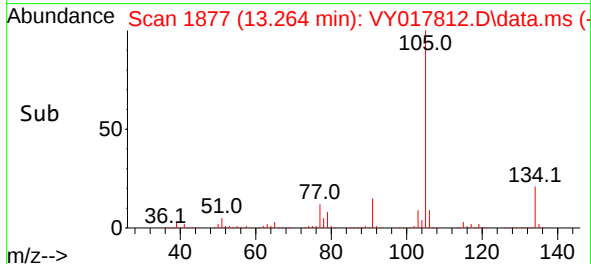
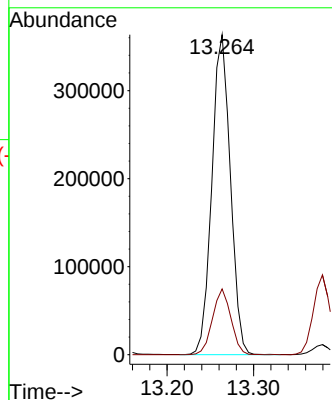
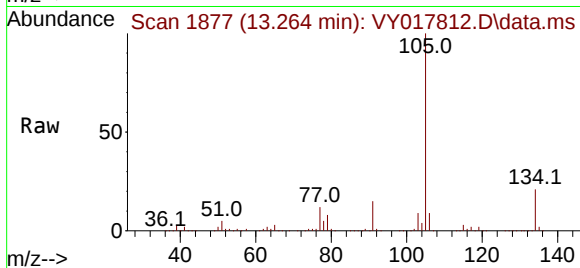
VSTDCCC050

Tgt Ion:105 Resp: 539559

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.824 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

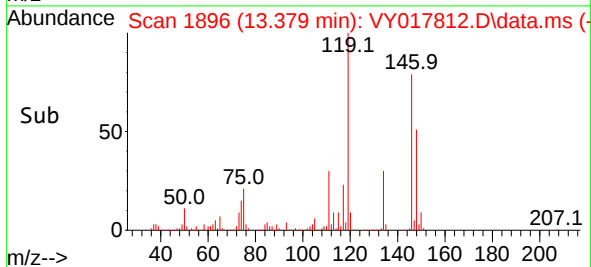
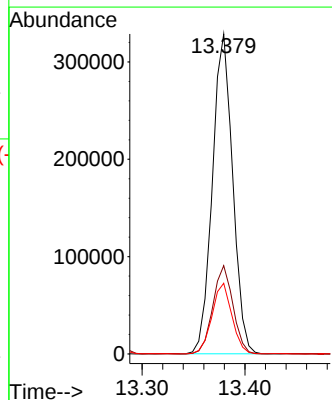
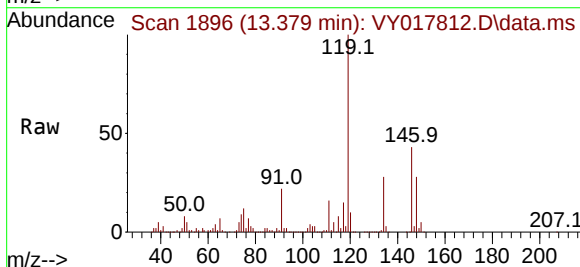
Tgt Ion:119 Resp: 450061

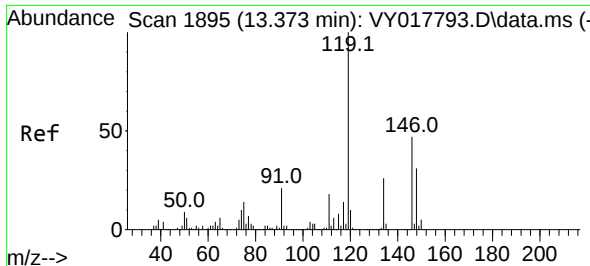
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 21.7 10.7 32.1

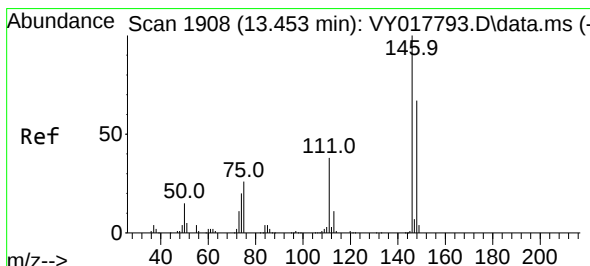
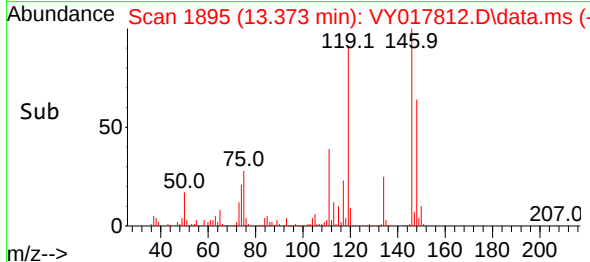
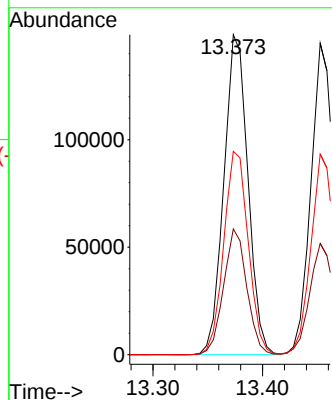
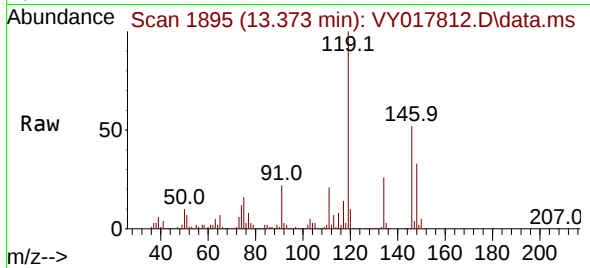




#87
1,3-Dichlorobenzene
Concen: 49.248 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

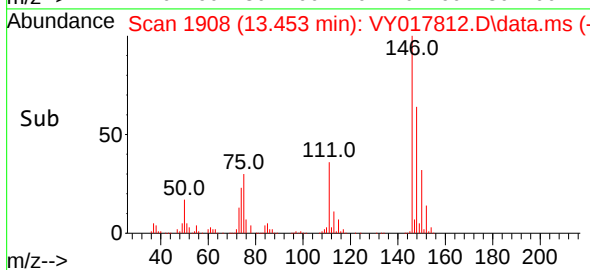
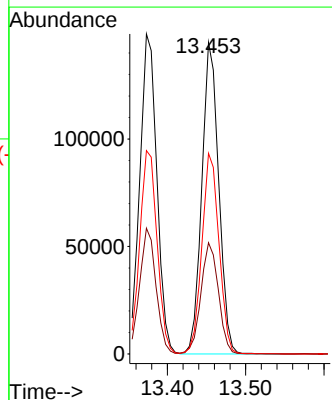
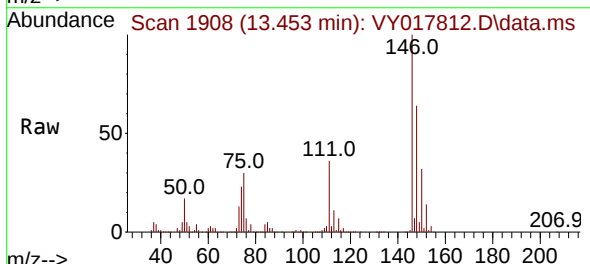
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

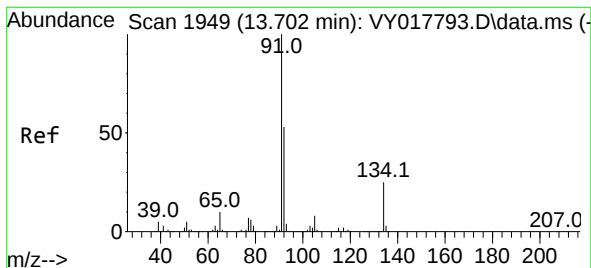
Tgt Ion:146 Resp: 227062
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 64.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.203 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017812.D
Acq: 02 Apr 2024 08:55

Tgt Ion:146 Resp: 217136
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.4
148 65.3 32.4 97.2





#89

n-Butylbenzene

Concen: 52.959 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

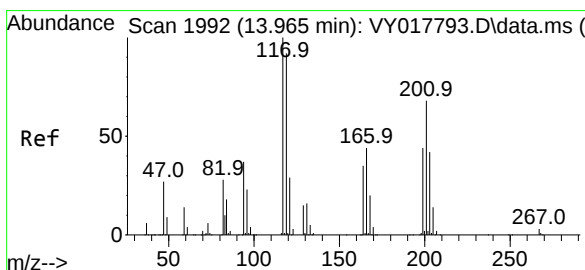
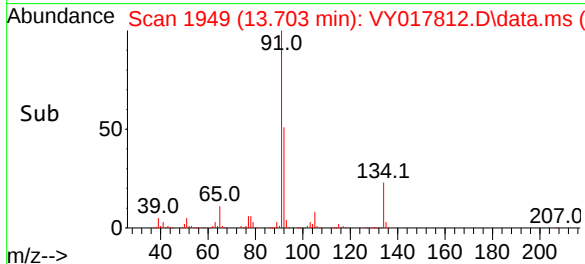
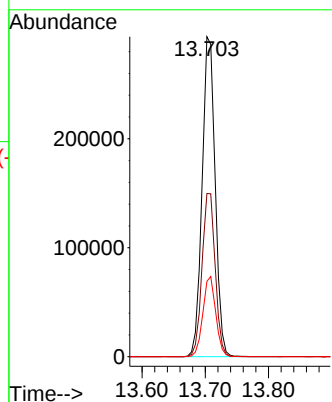
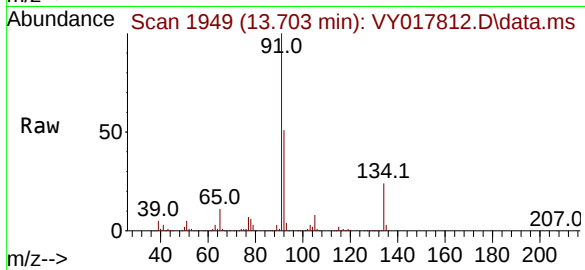
Tgt Ion: 91 Resp: 423147

Ion Ratio Lower Upper

91 100

92 51.5 26.6 79.7

134 24.6 12.9 38.7



#90

Hexachloroethane

Concen: 50.450 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017812.D

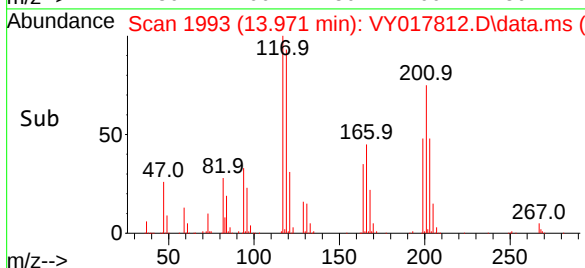
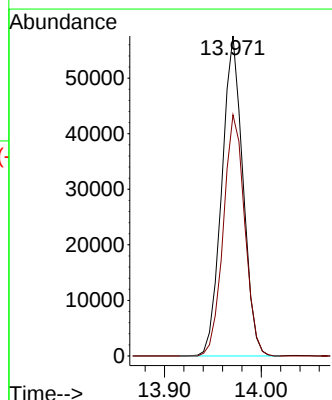
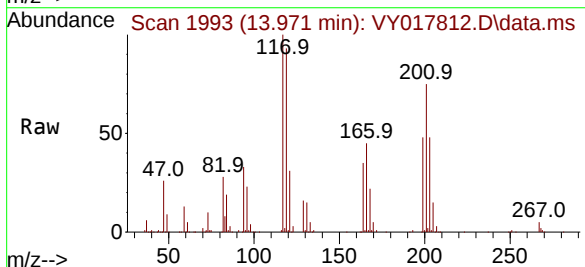
Acq: 02 Apr 2024 08:55

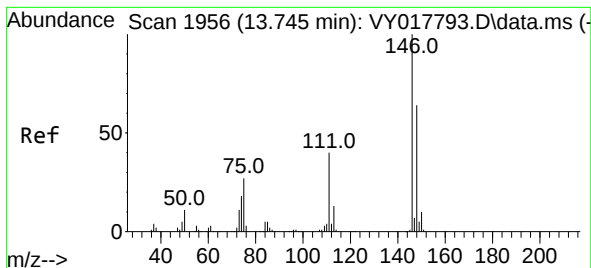
Tgt Ion: 117 Resp: 87122

Ion Ratio Lower Upper

117 100

201 76.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.568 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

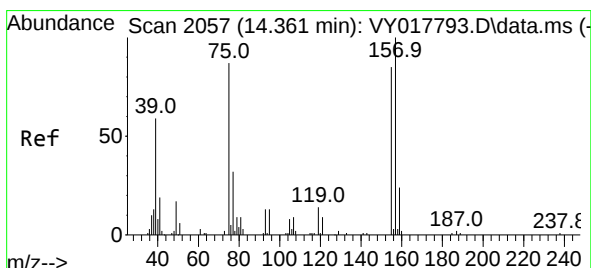
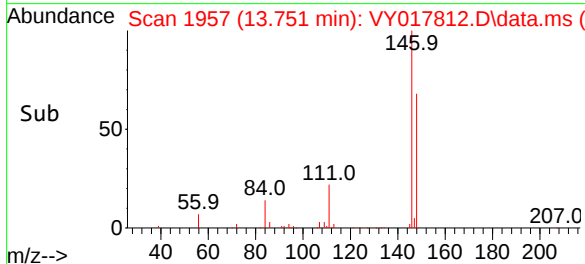
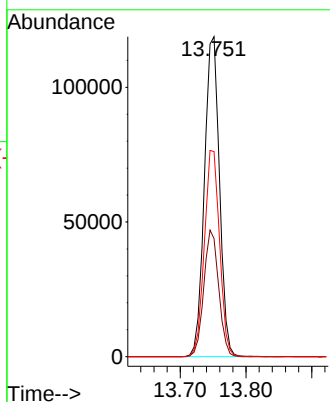
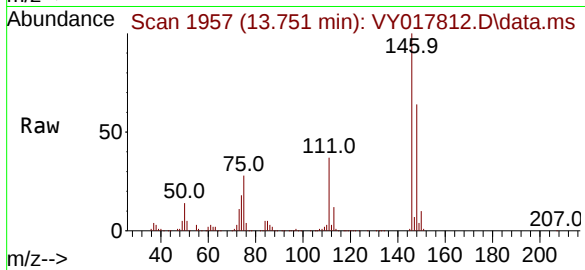
Tgt Ion:146 Resp: 189438

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 65.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.686 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

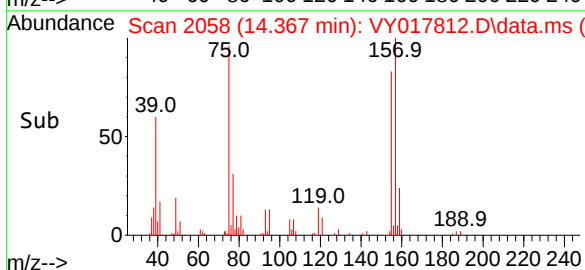
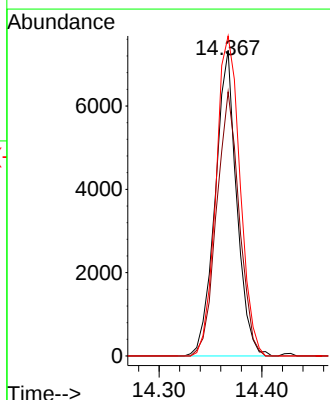
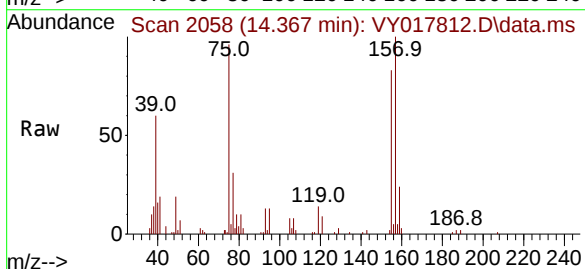
Tgt Ion: 75 Resp: 10647

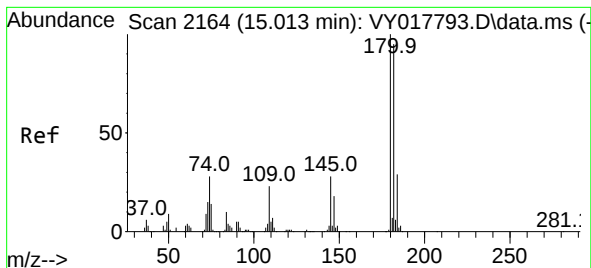
Ion Ratio Lower Upper

75 100

155 90.8 48.6 145.8

157 116.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.505 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

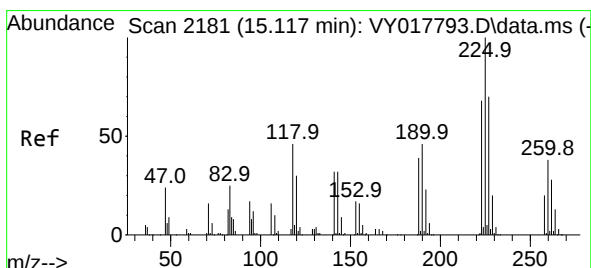
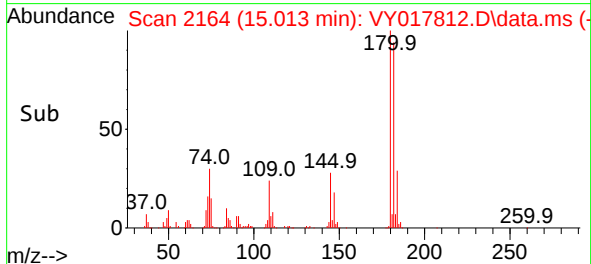
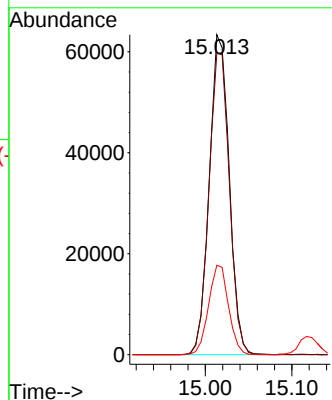
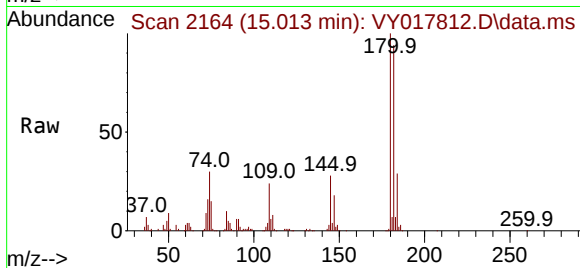
Tgt Ion:180 Resp: 101536

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.371 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

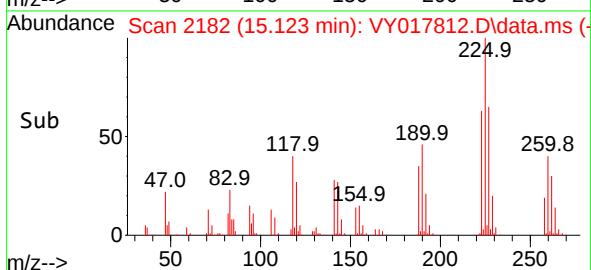
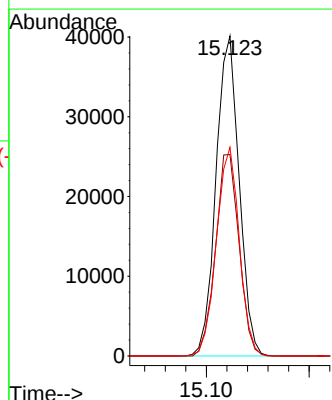
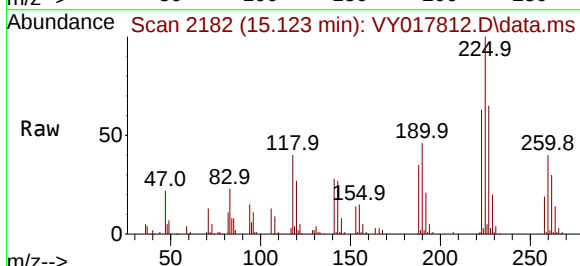
Tgt Ion:225 Resp: 62650

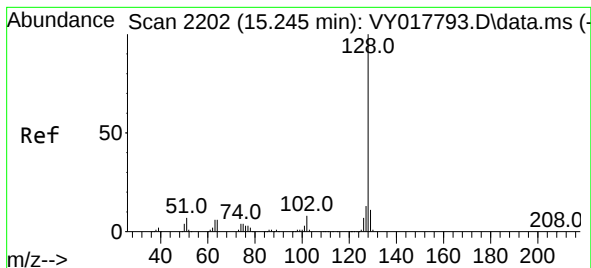
Ion Ratio Lower Upper

225 100

223 64.2 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 49.135 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

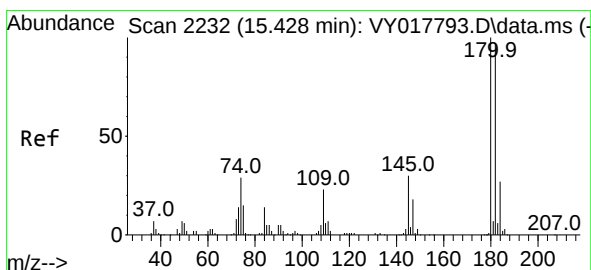
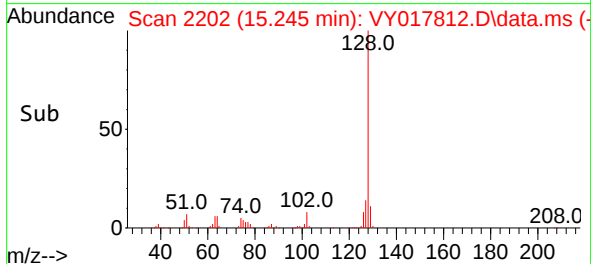
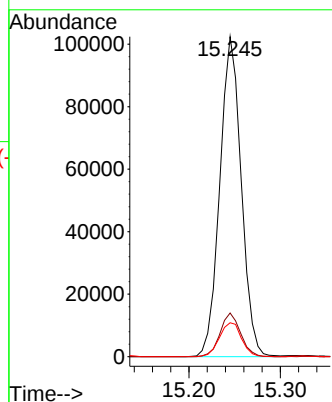
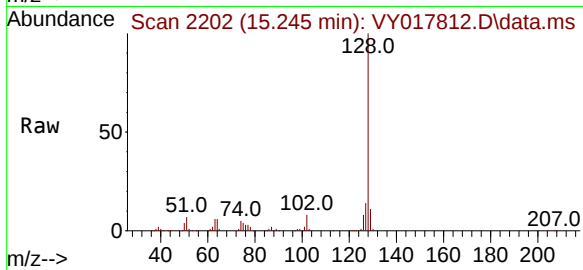
Tgt Ion:128 Resp: 167088

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.592 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017812.D

Acq: 02 Apr 2024 08:55

Tgt Ion:180 Resp: 85921

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 29.5 15.4 46.1

